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## UNITED STATES DEPARTMENT OF AGRICULTURE

## AGRICULTURAL RESEARCH ADMINISTRATION

## BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

## SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1945 <sup>1</sup>

(List of Pests Recorded During the Period July 1, 1944, to June 30, 1945, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

## INTRODUCTION

This report, covering the thirty-second year for which interception lists have been issued, summarizes the records of insect pests and plant pathogens found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

Collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and customs officials. The States of California and Florida and the Territory of Hawaii maintain staffs of specialists to make determinations of material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at all ports.

The scientific names are reviewed by appropriate specialists in the Department to see that they conform to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin cannot be verified in some cases, especially under wartime conditions. This necessitates the listing of some collections as of unknown origin, or omitting them entirely.

Aircraft arrivals during the year increased markedly and service mail continued to arrive in large volume. The cooperation of air lines and service personnel in the enforcement of plant quarantine regulations kept the transportation of possibly dangerous plant material down to a relatively low point.

The end of hostilities in Europe and the increased magnitude of operations in the Pacific area are believed not to have had any marked effect on the interceptions during the period covered by this report.

## SPECIMENS FROM SERVICE MAIL

Service mail continues to be one of the important avenues by which plant pests may gain entry. The following are some of the insects that were taken: *Apion ochropus* (Curculionidae), *A. pomonae*, and *Bruchus rufipes* (Bruchidae) in vetch, *Chilo simplex* (?) (Crambidae) in rice straw, *Dinoderus bifoveolatus* (Bostrichidae) in rice straw, *D. brevis*, and *D. ocellaris* in bamboo, *Enicmus minutus* (Lathridiidae) with hay and grass skirt, *Forficula auricularia* (Forficulidae) with wheat straw, *Heterobostrychus aequalis* (Bostrichidae) in rice straw and wood strips on parcel post package, *Laspeyresia splendana* (Olethreutidae) in chestnut, *Lepidosaphes juniperi* (Coccidae) on fruit of *Juniperus* sp., *Minthea rugicollis* (Lyctidae) in wood case, *Pectinophora gossypiella* (Gelechiidae) in cotton packing and cotton-

<sup>1</sup> Compiled by N. Rex Hunt, pathologist, Judith Hunt, scientific aid, and H. L. Sanford, entomologist, Division of Foreign Plant Quarantines.



seed, *Poronotus constrictus* (Anthocoridae) on grass skirt, and *Sitona sulcifrons* (Curculionidae) with cotton waste.

More than 40 different fungi were found on plant materials in service mail during the year. Among these fungi was the destructive flag smut of wheat (*Urocystis tritici*), found on wheat straw used as packing, on three occasions. Other smuts found were kernel smut (*Tilletia horrida*) of rice, covered smut (*Ustilago kollerii*) of oats, and loose smut (*U. tritici*) of wheat. Cereal rusts in service mail included leaf rust (*Puccinia anomala*) of barley, crown rust (*P. coronata*) of oats, stripe rust (*P. glumarum*) of wheat, and black stem rust (*P. graminis*) on oats, rice, wheat, and undetermined straw and grass. While all these smuts and rusts, except flag smut, are well established in this country, the material intercepted may represent races or strains that do not occur here and that might be destructive to our commercial varieties which have been developed for resistance to those pathogenic races already here. Several other diseases of cereals and diseases of ornamentals and miscellaneous plants were found in service mail.

### INTERCEPTIONS FROM AIR-BORNE MATERIAL

Mail, baggage, express, and some freight arrive by airplane. Air-borne material is so common that in many cases no record is made of the fact that intercepted material arrived by air. Of the 2,374 insect interceptions reported as on air-borne material, 315 were taken from baggage, 133 from cargo, 2 from mail, 1,888 from quarters, and 36 from stores. Of the 56 plant-disease interceptions, 18 were from baggage, 12 from express, 10 from cargo, 10 from mail, and 6 from quarters and stores. About half of the organisms reported on air-borne material were not determined to species. However, we have no evidence that these or others of the 33 organisms concerned represent serious risks of themselves. They merely serve to show that numerous plant diseases are carried by aircraft. Other and more dangerous organisms may have been present in incipient stages in which they could not be detected or determined.

Among the insects found in air-borne material was 1 larva of the Mexican fruitfly (*Anastrepha ludens*) in a slice of an orange being served in a salad from Mexico; 4 larvae of the West Indian fruitfly (*A. mombinpraepotans*) in a mango concealed in the forecabin of an airplane from Haiti and another larva of *A. mombinpraepotans* in mango from Puerto Rico; 2 larvae of *A. serpentina* in sapodilla in stores from Brazil; 1 larva of *A. suspensa* (?) in guava in baggage from Cuba; 1 larva of the melon fly (*Dacus cucurbitae*) in tomato in stores from Hawaii; woolly whitefly (*Aleurothrixus howardi*) on citrus leaf in baggage from Colombia; cloudy-winged whitefly (*Dialeurodes citrifolii*) on citrus leaves in baggage from Colombia, Cuba, and Puerto Rico; 2 larvae and 6 pupae of the pink bollworm (*Pectinophora gossypiella*) in cottonseed in express from Antigua; cowpea weevil (*Callosobruchus maculatus*) in chickpea (?) in baggage from Venezuela.

Among the plant-disease organisms found on air-borne material were *Alternaria dianthi* on carnations in baggage from Venezuela; *Ascochyta* sp., *Colletotrichum orchidearum*, and *Gloeosporium cattleyae* on orchids in express from Colombia; *Bacterium vesicatorium* on tomatoes in cargo from Cuba; *Colletotrichum cinctum* on an orchid in express from Costa Rica; *C. falcatum* in sugarcane in baggage from Cuba; *Elsinoe fawcetti* on oranges in stores from Brazil and Trinidad, and on an orange leaf in baggage from Mexico; *Glomerella cingulata* on a pepper in baggage from Cuba; *Penicillium digitatum* on oranges in baggage from Italy and China; *Ustilago hordei*, covered smut of barley, in baggage from Egypt; and several rice diseases, some incompletely determined, in mail from the armed forces overseas.

### NOTES ON INSECTS INTERCEPTED

#### FRUITFLIES

*Anastrepha fraterculus* (?) was intercepted in grapefruit from Brazil and in orange from Trinidad. The Mexican fruitfly (*A. ludens*) was taken in mango and orange from Guatemala, and apple, avocado, grapefruit, mango, orange, peach, pear, pomegranate, quince, sapote, sour orange, sweet lime, and white-sapote from Mexico. The West Indian fruitfly (*A. mombinpraepotans*) was intercepted in mango from British Honduras, Haiti, Jamaica, and Puerto Rico, and in guava from Cuba. *A. serpentina* was intercepted in sapodilla from Brazil, in star-apple from Dominican Republic, and in mamey from Mexico and Salvador. *A. suspensa* (?) arrived in guava from Cuba. The Mediterranean fruitfly (*Ceratitis*



*capitata*) was intercepted in grapefruit from Australia, in grapefruit and orange from Egypt, in mango and tomato from Hawaii, in orange from Palestine and Spain, in apple and grape from Portugal, and probably the Mediterranean fruitfly in orange from Brazil and in grapefruit from South Africa. The melon fly (*Dacus cucurbitae*) was found in cucumber, string bean, and tomato from Hawaii, and probably the melon fly in squash from Hawaii. The apple maggot (*Rhagoletis pomonella*) arrived in apple from Mexico. *R. striatella* was taken in husk tomato from Mexico. The papaya fruitfly (*Toxotrypana curvicauda*) was intercepted in a corn cob from Mexico.

#### INSECTS OTHER THAN FRUITFLIES

*Acanthoscelides armitagei* (Bruchidae) was intercepted in seeds of *Cajanus cajan* from the Canal Zone. The citrus blackfly (*Aleurocanthus woglumi*) was taken on foliage of orange and sour lime from Mexico. *Asterolecanium bambusae* (Coccidae) arrived on bamboo from Costa Rica and Mexico. The turnip gall weevil (*Ceutorhynchus pleurostigma*) was found in rutabaga and turnip galls from England. *Conotrachelus aguacatae* (Curculionidae) was intercepted in avocado from Mexico. *Curculio q-griseae* (Curculionidae) infested acorns from Mexico. *Cylas puncticollis* (Curculionidae) was taken in sweetpotato from Sierra Leone. *Epicaerus cognatus* (Curculionidae) was found in potato from Mexico. *Epinotia opposita* (Olethreutidae) infested string beans from Mexico and Peru. *Eurycipitia vestitus* (Miridae) was intercepted on orchid plants from Guatemala and Mexico. The orchid fly (*Eurytoma orchidearum*) arrived in *Cattleya* sp. from Brazil and Venezuela. The West Indian sweetpotato weevil (*Euscepes postfasciatus*) was taken in sweetpotatoes from Brazil, Cuba, and Trinidad. *Frankliniella difficilis* (Thripidae) was found on *Rosa* sp. from Venezuela. The azalea leaf miner (*Gracilaria azaleella*) (Gracilariidae) infested the leaves of *Rhododendron* sp. from Canada. *Laspeyresia splendana* (Olethreutidae) was intercepted in acorns from Algeria and Spain and in chestnuts from France, Italy, and Portugal. *Leperisinus fraxini* (Scolytidae) arrived under the bark of ash wood from England. *Leucinodes elegantalis* (Pyraustidae) was found in tomatoes from Mexico. *Limothrips cerealeum* (Thripidae) was taken on *Cattleya* sp. and *Cymbidium* sp. from England. *Liriomyza pusilla* (Agromyzidae) arrived with tomatoes from Mexico. The chrysanthemum aphid (*Macrosiphoniella sanborni*) (Aphidae) was intercepted on *Chrysanthemum* sp. from Canada. The silky cane weevil (*Metamasius sericeus*) (Curculionidae) infested bananas from Costa Rica. *Monomorium destructor* (Formicidae) arrived with *Schomburgkia* sp. from Cayman Islands. *Mordellistena cattleyana* (Mordellidae) was found in the leaves of *Cattleya* sp. from Brazil and Colombia. *Morganella longispina* (Coccidae) was taken on grapefruit from Tahiti and on orange from Australia. *Neofurius carvalhoi* (Miridae) was intercepted on *Cattleya* sp. from Venezuela. *Pararhagadochir trinitatis* (Embiidae) arrived on *Cattleya* sp. from Venezuela. *Parthenothrips dracaenae* (Thripidae) infested the leaves of *Cymbidium* sp. from England. *Psalius hibisci* (Aleyrodidae) was taken on the leaves of *Hibiscus* sp. from Hawaii. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cottonseed from Antigua, Argentina, Cuba, and the Virgin Islands, in cotton bolls and cottonseed from Hawaii, and in cottonseed in soldiers' mail from Egypt. *Pemphigus auriculae* (Aphidae) was found on the roots of *Primula auricula* from England. *Pnyxia scabie* (Fungivoridae) arrived with dasheen from the Azores and with *Amaryllis* sp., Easter lily, and *Gladiolus* sp. from Mexico. The cabbage looper (*Trichoplusia ni*) (Phalaenidae) infested cabbage from Cuba and cabbage and pepper from Mexico.

#### NOTES ON PLANT DISEASES INTERCEPTED

The most interesting plant-disease interceptions of the year, were those of wheat flag smut (*Urocystis tritici*) in three of five cargoes of wheat from Australia, brought in for processing under safeguards to help relieve a feed shortage. Flag smut was also intercepted on wheat straw in service mail. Among the other interesting interceptions were citrus canker (*Bacterium citri*) on grapefruit from Australia; citrus black spot (*Phoma citricarpa*) on oranges and lemons from Australia; sweet orange scab (*Elsinoe australis*) on orange and lemon from Brazil; and wilt (*Fusarium orthoceras* var. *gladioli*), penicillium rot (*Penicillium gladioli*), and scab (*Bacterium marginatum*), severe infections on some of the shipments of gladiolus corms offered for entry in carload lots from Mexico for the first time. A number of shipments of garlic from one area in Mexico were found to have a strain of the bulb and stem nematode (*Ditylenchus dipsaci*) in up to 5 percent of

the bulbs. Shipments of sour limes from another locality in Mexico were regularly affected by an undetermined yellow spotting, mottling, and distortion, which might be due to an unreported virus. A brown rot (*Sclerotinia fructigena*) not known to occur in this country was found on an apple in stores from Portugal. Peas in stores from Portugal were found to be infected by *Cladosporium pisicolum*, which was originally described from California only a few years ago.

Of the 203 species of pathogens or other organisms listed in the table, 51 were new to the interception files. Interceptions of the other 152 pathogens showed 64 new countries of origin and 26 new hosts. The names of two pathogens were changed, viz, *Ditylenchus dipsaci* on potato to *D. destructor*, and *Melanconium* sp. on tomato from Mexico to *Myrothecium roridum*.

### COMMON PESTS INTERCEPTED

During the course of inspections of plant material, cosmopolitan and other pests common in this country are found in large numbers. It is customary to record some of these findings in order to give a clearer picture of the condition of material offered for entry. Common pests are frequently checked to make sure new pests resembling common pests are not being overlooked. The recording of common pests has been greatly curtailed as a result of the pressure of work on inspectors. Such records as were made are summarized here. The first number following the name of a pest indicates the number of countries of origin and the second the total number of interceptions that were recorded during the year.

#### INSECTS

Insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (8-14), *Ahasversus advena* (21-82), *Anthonomus eugenii* (3-1, 837), *Aonidiella aurantii* (10-70), *Aphis gossypii* (6-16), *Araecerus fasciculatus* (16-31), *Aspidiotus camelliae* (3-10), *A. cyanophylli* (4-27), *A. hederæ* (5-15), *A. lataniae* (22-390), *Carpocapsa pomonella* (7-205), *Cerataphis lataniae* (8-64), *Chrysomphalus aonidium* (24-224), *C. dictyospermi* (18-45), *Coccus hesperidum* (13-46), *Diaspis boisduvalii* (22-539), *D. bromeliae* (3-10), *Etiella zinckenella* (2-12), *Gnorimoschema operculella* (14-75), *Heliothis armigera* (7-6, 280), *H. virescens* (1-54), *Hippodamia convergens* (1-10), *Howardia biclavis* (10-21), *Ischnaspis longirostris* (3-12), *Keiferia lycopersicella* (1-6, 621), *Laphygma exigua* (1-184), *L. frugiperda* (2-537), *Lasioderma serricornis* (11-25), *Lepidosaphes beekii* (41-348), *L. gloverii* (9-26), *L. ulmi* (6-12), *Lorita abornana chatka* (1-15), *Murgantia histrionica* (1-22), *Necrobia rufipes* (21-28), *Oryzaephilus surinamensis* (14-48), *Parlatoria pergandii* (14-66), *P. proteus* (6-16), *Pinnaspis minor* (13-437), *Plodia interpunctella* (7-25), *Pseudococcus adonidum* (9-72), *P. brevipes* (12-245), *P. citri* (11-39), *P. maritimus* (5-11), *Rhizoglyphus echinopus* (15-147), *Rhizopertha dominica* (7-13), *Saissetia hemisphaerica* (14-59), *S. nigra* (5-18), *S. oleae* (12-16), *Selenaspidus articulatus* (21-63), *Sitophilus oryza* (27-52), *Sitotroga cerealella* (7-17), *Tenebroides mauritanicus* (6-22), *Tribolium castaneum* (17-48), *Typhaea stercorea* (15-50).

In addition there were 3,003 interceptions belonging to 596 species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing by species. The number of interceptions of more or less cosmopolitan species totaled 22,364.

#### DISEASES

Common plant pathogens reported 10 or more times during the year included *Actinomyces scabies* (21-246), *Alternaria brassicae* (3-27), *A. solani* (2-46), *A. tomato* (2-1,230), *Aplanobacter michiganense* (1-12), *Aspergillus niger* (21-304), *Bacterium maculicola* (2-11), *B. marginatum* (6-21), *B. phaseoli* (1-35), *B. vesicatorum* (2-1,769), *Botrytis cinerea* (11-20), *Cephaleuros virescens* (5-11), *Cephalothecium roseum* (8-54), *Ceratostomella paradoxa* (8-19), *Cercospora beticola* (2-24), *C. rosicola* (2-42), *Cladosporium fulvum* (2-301), *Colletotrichum circinans* (1-180), *C. gloeosporioides* (13-133), *C. lindemuthianum* (6-37), *C. orchidearum* (8-28), *C. phomoides* (1-29), *Diplocarpon rosae* (4-43), *Diplodia natalensis* (11-59), *Erysiphe polygoni* (1-42), *Gloeosporium limeticolum* (8-39), *Helminthosporium allii* (5-1,021), *Heterodera marioni* (7-19), *Heterosporium echinulatum* (2-27), *Melanconium sacchari* (2-10), *Oospora citri-aurantii* (6-40), *O. lactis parasitica* (7-48), *Penicillium digitatum* (18-74), *P. italicum* (14-24), *Phoma destructiva* (1-45), *Phomopsis citri* (16-110), *Puccinia allii* (4-13), *P. graminis* (11-182), *P. porri* (5-17), *P. purpurea* (1-30), *P. rubigo-vera* (4-49), *Pythium debaryanum*



(1-59), *Rhizoctonia solari* (16-588), *Rhizopus nigricans* (11-1,154), *Sclerotinia sclerotiorum* (11-31), *Sclerotium oryzae* (2-45), *Septoria apii-graveolentis* (9-11), *Sphaceloma fawcettii* (19-105), *Sphaerotheca pannosa* (3-19), *Spondylocladium atrovirens* (10-43), *Uromyces caryophyllinus* (2-48), *U. phaseoli typica* (1-23), *Ustilago maydis* (2-12), *Venturia inaequalis* (16-67), *V. pirina* (4-16), *Verticillium cinnabarinum* (12-37), *Virus*, undetermined (1-11).

Interceptions of 34 other common pathogens totaled 122, making 8,862 interceptions of common diseases recorded during the year.

### INCOMPLETELY DETERMINED PESTS

Many times inspectors find insect pests or plant pathogens affecting plant material, but in a stage or in such condition that complete and accurate determination is impracticable. Sometimes such insects or pathogens are new to science. Possibly some of them are destructive pests. A few notes are given here to show the general nature of the incompletely determined pests.

#### INSECTS

Among the incompletely determined insects intercepted during the year were the following fruitflies: *Anastrepha* sp., probably *fraterculus*, taken at New Orleans, New York, and San Juan in grapefruit and orange from Brazil, and at New York in grapefruit from Uruguay (?); *Anastrepha* sp., probably *mombin-praeoptans*, at Hidalgo and Laredo in mango from Mexico, at New Orleans in plum from Nicaragua, and at New York in mango from Panama; *Anastrepha* sp. at Laredo, Miami, New Orleans, and San Juan in coco-plum, grapefruit, guava, mango, orange, plum, and yellow mombin from Brazil, Dominican Republic, Honduras, Mexico, Nicaragua, Panama, and Venezuela; *Ceratitidis* sp. at Newport News in grapefruit from the Union of South Africa; *Rhagoletis* sp., probably *completa* Cress., at Laredo in walnut from Mexico; *Rhagoletis* sp., probably *striatella*, at Eagle Pass in husk tomato from Mexico; *Rhagoletis* sp. at Eagle Pass, El Paso, and Laredo in apple, cherry, hawthorn, red haw, and wild currant from Mexico. Five interceptions which could not be identified beyond family (Tephritidae) were taken at Baltimore, Eagle Pass, Galveston, Laredo, and New York in mango, orange, pepper, and squash from Mexico, New Zealand, and Sierra Leone.

The following miscellaneous insects of special interest were intercepted: *Acanthoscelides* sp., near *peruanus* (Pierce) (Bruchidae), was taken at New York in *Cassia glandulosa* seed from Peru; 2 apparently undescribed aleyrodids, *Aleurocerus* sp. at Laredo on palm leaf from Mexico and *Aleuropalpus* sp. at Brownsville on Cape-jasmine from Guatemala; *Aleuoparadoxus* n. sp. (Aleyrodidae) at El Paso on Cape-jasmine from Mexico; *Brachyrhinus* sp., probably *sulcatus* F., (Curculionidae) at Blaine in soil from British Columbia; *Bruchidius* sp., near *longulus* Shulsky (Bruchidae), at Atlanta in *Lathyrus* sp. from Italy; *Bruchus* sp., probably *guttatus*, (Bruchidae) at Boston and Philadelphia in vetch from Madeira Islands and in soldier's mail; *Cryptocerus* sp. (Formicidae) at El Paso with bamboo poles from Mexico; *Diatraea* sp., probably *considerata* Hein., (Crambidae) at Nogales in sugarcane from Mexico; *Diatraea* sp., probably *lineolata* (Wlk.), at Boston in sugarcane from Cuba; *Ereunetis* sp., probably *flavistrata* (Wlsm.), (Tineidae) at Seattle on coconut from the Pacific war zone; apparently an undescribed species of *Heilipus* sp. (Curculionidae) at Nogales in giant reed from Mexico; *Kaloterme* n. sp. (Kalotermitidae) at San Francisco in lignumvitae log from Guatemala; an undescribed species of *Niveaspis* sp. (Coccidae) at San Francisco on *Odontoglossum schlieperianum* from Costa Rica; and *Pityophthorus* sp., probably *cribratus* Blkm., (Scolytidae) at Nogales on bark of wood from Mexico.

There were 5,277 interceptions, distributed among 725 genera, which could be identified to genus only. A total of 129 could be determined to family and subfamily only.

A total of 5,406 incompletely determined insects were intercepted during the year.

#### DISEASES

Among the undetermined plant-disease organisms collected from incoming material during the year were *Ceratostomella* sp. on narcissus bulbs from England, Wales, and of unknown origin; *Cercospora* sp. on *Pseudabutilon longanum* from Mexico; *Coryneum* sp. on straw packing for pineapples from Mexico; *Cucurbitaria* sp. on a plant with ballast from Italy; *Endothia* sp. on an oak log from Panama;

*Fusicoccum* sp. on *Araucaria araucana* from England in a soldier's baggage; *Guignardia* sp. on a coconut in service mail; *Helminthosporium* sp. on tomato from Mexico; *Hoplolaimus* n. sp. on *Gesneria longituba* from England; *Melasmia* sp. on *Arctostaphylos uva-ursi* from Mexico; *Nectria* sp. on begonia from Haiti; *Nothylenchus* n. sp. in soil containing a palm from Dutch Guiana; *Ophiobolus* sp. on orchids from Brazil and Guatemala; *Phoma* sp. on garlic from Portugal, kapok pod from Mexico, lemon from Egypt, Italy, and New Zealand, tomato from Mexico, and others. *Phomopsis* sp. on *Passiflora* sp. fruit in baggage from Madeira Islands; *Phyllosticta* sp. on *Casimiroa edulis* and carnations from Mexico, and on various other hosts and from different places of origin; *Phytophthora* sp. on orchids from England and Venezuela; and *Selenophoma* sp. on wheat from Australia.

A total of 4,535 incompletely determined pathogens were recorded during the year.

*Geographic summary of interceptions listed in main table and interception totals*

Country	Insect	Disease	Country	Insect	Disease
<b>Africa:</b>	<i>Number</i>	<i>Number</i>	<b>North America—Continued</b>	<i>Number</i>	<i>Number</i>
Algeria.....	2	3	Canada.....	20	7
Belgian Congo.....	1	0	British Columbia.....	10	6
Egypt.....	9	1	<b>Central America:</b>		
Ethiopia.....	0	2	British Honduras.....	2	0
Gold Coast.....	18	0	Canal Zone.....	9	3
Liberia.....	1	0	Costa Rica.....	63	2
Madeira Islands.....	1	0	Guatemala.....	43	21
Mozambique.....	0	1	Honduras.....	6	0
Nigeria.....	2	0	Panama.....	16	4
Sierra Leone.....	1	0	Salvador.....	7	0
Tunisia.....	1	2	Mexico.....	1,620	1,326
Union of South Africa.....	2	2	<b>West Indies:</b>		
<b>Asia:</b>			Antigua.....	3	0
China.....	1	1	Aruba.....	1	0
India.....	21	8	Bahamas.....	3	0
Palestine.....	2	0	British West Indies.....	1	0
<b>Australasia:</b>			Cayman Islands.....	1	0
Admiralty Islands.....	3	0	Cuba.....	36	10
Australia.....	5	59	Curacao.....	1	0
Caroline Islands.....	3	1	Dominican Republic.....	5	0
Ceylon.....	2	0	Haiti.....	13	0
Entiwetok Island.....	1	0	Jamaica.....	8	0
Fiji Islands.....	1	0	Martinique.....	5	0
Guadalcanal.....	1	0	Puerto Rico.....	14	2
Guam.....	2	0	Trinidad.....	21	3
Hawaii.....	56	0	Virgin Islands.....	1	0
Marshall Islands.....	21	0	<b>South America:</b>		
New Guinea.....	3	0	Argentina.....	7	1
New Hebrides.....	1	1	Bolivia.....	0	1
New Zealand.....	0	2	Brazil.....	10	3
Oceania.....	3	1	British Guiana.....	6	0
Philippines.....	6	0	Chile.....	4	6
Saipan.....	0	2	Colombia.....	20	2
Samoa.....	2	0	Peru.....	9	0
Solomon Islands.....	4	3	<b>South America</b> .....	1	0
South Pacific.....	67	4	Uruguay.....	0	7
Tahiti.....	1	0	Venezuela.....	77	2
Tinian Island.....	1	0	<b>Total:</b>		
<b>Europe:</b>			Africa.....	38	11
Azores.....	3	4	Asia.....	24	9
Belgium.....	0	2	Australasia.....	182	73
England.....	52	25	Europe.....	132	65
France.....	3	5	North America.....	1,911	1,385
Germany.....	1	0	South America.....	134	22
Ireland.....	0	7	Unknown.....	54	31
Italy.....	22	9	<b>Total</b> .....	2,475	1,596
Malta.....	1	0	<b>Total (common pests, p. 4)</b> .....	22,364	8,862
Netherlands.....	1	0	<b>Total (incompletely de-</b>		
North Ireland.....	1	0	<b>termined pests, p. 5)</b> .....	5,406	4,535
Portugal.....	23	7	<b>Total insect interceptions</b> .....	30,245	
Scotland.....	20	0	<b>Total disease intercep-</b>		
Spain.....	4	1	<b>tions</b> .....		14,993
Sweden.....	0	1	<b>Grand total</b> .....		45,238
Wales.....	0	4			
<b>North America:</b>					
Bermuda.....	1	1			

NOTE.—In addition to the countries named above, interceptions were made from Bahrain Islands, Burma, Corsica, Cyprus, Dutch Guiana, Dutch West Indies, Ecuador, Espiritu Santo, Gibraltar, Gilbert Islands, Greenland, Guadeloupe, Iran, Kiriwina Island, Lord Howe Island, Marianas, Morocco, Nicaragua, Okinawa, Society Islands, Sudan (Anglo-Egyptian), Syria, Tasmania, Turkey, and Union of Soviet Socialist Republics.

## List of pests (insects) collected and reported, July 1, 1944, to June 30, 1945, inclusive

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Acanthoscelides armitagei</i> (Pie) (Bruchidae):					
<i>Cajanus cajan</i> (gandul)	Canal Zone			1	N. Y.
<i>Acanthoscelides ceratioborus</i> (Philippi) (Bruchidae):					
Bean pod	Peru	1			N. Y.
<i>Vicia sativa</i> (vetch)	Chile	1			Fla.*
<i>Acanthoscelides dominicanus</i> (Jek.) (Bruchidae):					
<i>Acacia</i> sp.	Mexico			1	N. Y.
<i>Caesalpinia coriaria</i> (divi-divi)	Colombia	1			N. Y.
<i>Acanthoscelides protractus</i> (Horn) (Bruchidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Ariz.
<i>Acanthoscelides prosopis</i> (Lec.) (Bruchidae):					
<i>Prosopis</i> sp. (mesquite)	do	1			Tex.
<i>Acanthoscelides spinipes</i> (Er.) (Bruchidae):					
Unidentified seed	Argentina			1	D. C.
<i>Aceratagallia curta</i> Oman (Cicadellidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Aceratagallia robusta</i> Oman (Cicadellidae):					
<i>Lilium longiflorum</i> (Easter lily)	do	1			Tex.
<i>Aceratagallia sordida</i> Oman (Cicadellidae):					
Cabin of airplane	do		1		Tex.
<i>Aceratagallia uhleri</i> (VanD.) (Cicadellidae):					
<i>Lactuca sativa</i> (lettuce)	do	1*			Ariz.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
<i>Zea mays</i> (corn)	Hawaii		1		Wash.
<i>Aedes albifasciatus</i> (Macq.) (Culicidae):					
<i>Vitis</i> sp. (grape)	Argentina	1			La.
<i>Aethus indicus</i> (Westwood) (Cydnidae):					
<i>Gossypium</i> sp. (cotton)	Soldier's mail	1			Wash.
<i>Agromyza vires</i> Loew (Agromyzidae):					
<i>Daucus carota sativa</i> (carrot)	Mexico	1			Tex.
<i>Phaseolus</i> sp. (string bean)	do	17			Ariz., Tex.
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Aleurocanthus coccis</i> Corbett (?) (Aleyrodidae):					
<i>Cocos nicifera</i> (coconut)	Guadalecanal, Solomon Islands.			2	Calif.*
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico	10			Ariz., Tex.
<i>Citrus sinensis</i> (orange)	do	1			Ariz.
<i>Aleuroglandulus emmae</i> Russell (Aleyrodidae):					
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Aleurothrixus howardi</i> (Q.) (Aleyrodidae):					
<i>Citrus</i> sp.	Colombia	1			Fla.*
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Guatemala, Mexico	11	1		Tex.
<i>Aleurotrachelus atratus</i> Hempel (Aleyrodidae):					
Palm	Mexico	1			Tex.
<i>Aleyrodes spiraeoides</i> Q. (Aleyrodidae):					
<i>Synthyris</i> sp.	British Columbia			1	Wash.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	22			Tex.
<i>Amblyteles armatorius</i> (Forst.) (Ichneumonidae):					
Sod in ballast	Scotland	1			N. Y.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Tex.
<i>Dianthus</i> sp. (carnation)	do	1			Tex.
<i>Eugenia uniflora</i> (Surinam-cherry)	Hawaii			1	Calif.*
<i>Gossypium</i> sp. (cotton) (boll)	do	1			Wash.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	3			Tex.
<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae):					
<i>Arundo donax</i> (giant reed)	do	1			Ariz.
Bamboo	do	2			Ariz.
<i>Merostachys racemiflora</i>	do	1			Ariz.
<i>Smilax</i> sp.	do	1			Tex.



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<i>Amphidasis cognataria</i> Gn. (Geometridae): Soil around plants.	British Columbia	—	—	1	Wash.
<i>Anacentrinus deplanatus</i> (Csy.) (Curculionidae): <i>Dianthus</i> sp. (carpation)	Mexico	1	—	—	Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae): <i>Cattleya</i> sp. (orchid)	England, Mexico	—	—	4	N. J., Tex.
<i>Coelogyne</i> sp. (orchid)	England	—	—	2	N. J.
<i>Cymbidium</i> sp. (orchid)	do.	—	—	2	N. J.
<i>Miltonia</i> sp. (orchid)	do.	—	—	1	N. J.
Orchid	Mexico	—	—	1	Tex.
<i>Anaphothrips orchidii</i> (Mlt.) (Thripidae): <i>Sobralia xantholeuca</i> (orchid)	Guatemala	—	—	1	Calif.*
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae): <i>Citrus paradisi</i> (grapefruit)	Brazil	—	—	1	Md.
<i>Citrus sinensis</i> (orange)	Trinidad	—	—	1	Md.
<i>Anastrepha ludens</i> (Loew) (Tephritidae): <i>Casimiroa edulis</i> (white-sapote)	Mexico	1	—	—	Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do.	5	—	—	Tex.
<i>Citrus aurantium</i> (sour orange)	do.	1	—	—	Tex.
<i>Citrus paradisi</i> (grapefruit)	do.	10	2	—	Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico	58	9	—	Ariz., Md., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	4	—	—	Tex.
Empty box car	do.	—	—	2	Tex.
Fruit salad containing oranges	do.	—	—	3	Tex.
Bag of grapefruit	do.	—	—	1	Tex.
Receptacle containing grapefruit and oranges	do.	—	—	1	Tex.
<i>Malus pumila</i> (apple)	do.	8	—	—	Tex.
<i>Mangifera indica</i> (mango)	Guatemala, Mexico	25	2	—	Tex.
<i>Persea americana</i> (avocado)	Mexico	1	—	—	Tex.
<i>Prunus persica</i> (peach)	do.	2	—	—	Tex.
<i>Punica granatum</i> (pomegranate)	do.	1	—	—	Tex.
<i>Pyrus communis</i> (pear)	do.	33	—	—	Tex.
Sapote	do.	1	—	—	Tex.
<i>Anastrepha mombinpraepotans</i> Sein (Tephritidae): <i>Mangifera indica</i> (mango)	British Honduras, Haiti, Jamaica, Puerto Rico.	3	7	—	Fla.,* N. Y.
<i>Psidium guajava</i> (guava)	Cuba	—	—	1	P. R.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae): <i>Achras zapota</i> (sapodilla)	Brazil	—	—	1	P. R.
<i>Chrysophyllum cainito</i> (star-apple)	Dominican Republic	—	—	1	P. R.
<i>Mammea americana</i> (mamey)	Mexico, Salvador	3	—	—	Tex.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae): <i>Psidium guajava</i> (guava)	Cuba	—	—	1	Fla.*
<i>Anthocoris sylvestris</i> (L.) (Anthocoridae): <i>Crataegus</i> sp. (hawthorn)	North Ireland	—	—	1	N. Y.
<i>Aonidiella comperei</i> McKenzie (Coccidae): <i>Carica papaya</i> (papaya)	Tinian Island	—	—	1	Calif.*
<i>Aonidiella eremocitri</i> McKenzie (Coccidae): <i>Coffea</i> sp.	South Pacific	—	—	1	Calif.*
<i>Aonidiella inornata</i> McKenzie (Coccidae): <i>Cocos nucifera</i> (coconut)	Caroline Islands, Marshall Islands, Philippines, South Pacific.	7	1	1	Calif.*
<i>Apatides fortis</i> (Lec.) (Bostrichidae): Wood	Mexico	—	—	1	Ariz.
<i>Aphis medicaginis</i> Koch (Aphidae): <i>Lilium</i> sp. (lily)	Bermuda	—	—	1	N. Y.
<i>Aphis nerii</i> Boyer de Fonscolombe (Aphidae): <i>Nerium oleander</i> (oleander)	Mexico	—	—	1	D. C.
<i>Aphodius depressus</i> Kugel. (Scarabaeidae): Sod in ballast	Scotland	—	—	1	N. Y.
<i>Aphodius distinctus</i> (Mull.) (Scarabaeidae): <i>Brassica oleracea botrytis</i> (cauliflower)	England	—	—	1	Va.
<i>Apion ochropus</i> Germ. (Curculionidae): <i>Vicia</i> sp. (vetch)	Soldier's mail	—	—	1	Wash.

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		Consump- tion	Non-entry	Propaga- tion	
<i>Apion pomonae</i> (F.) (Curculionidae):					
<i>Vicia</i> sp. (vetch).....	Italy, Portugal, soldier's mail.	5			Calif.,* D. C., Ga., Pa.
<i>Aptinotrips rufus</i> (Gmel.) (Thripidae):					
Sod in ballast.....	Scotland.....	1			N. Y.
<i>Artipus floridanus</i> Horn (Curculionidae):					
Unknown plant.....	Bahamas.....	1			Fla.*
<i>Arvelius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	3			Ariz.
<i>Aspidiotus coursetiae</i> Marl. (Coccidae):					
<i>Pereskioipsis</i> sp.....	do.....			1	Tex.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Calanthe</i> sp. (orchid).....	Ceylon.....			1	N. J.
<i>Cocos nucifera</i> (coconut).....	Admiralty Island, Belgian Congo, New Guinea, Panama, Philippines.	4	1	2	Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica.....	15			Calif.*
<i>Persea americana</i> (avocado).....	Colombia.....	1			Fla.*
<i>Rosa</i> sp.....	Puerto Rico.....	1			Fla.*
Unidentified leaf.....	Fiji Islands.....	1			Mass.
<i>Aspidiotus excisus</i> Green (Coccidae):					
Unidentified leaf.....	South Pacific.....	1			Calif.*
<i>Aspidiotus herculeanus</i> D. H. (Coccidae):					
<i>Spondias</i> sp.....	Puerto Rico.....	1			Fla.*
<i>Aspidiotus (Hemiberlesia) mendax</i> (McKenzie) (Coccidae):					
<i>Odontoglossum laeae</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Aspidiotus palmarum</i> (Ckll.) (Coccidae):					
<i>Chalcas</i> sp.....	Venezuela.....	1			Fla.*
<i>Citrus sinensis</i> (orange).....	Costa Rica.....		1		Calif.*
<i>Cocos nucifera</i> (coconut).....	New Guinea.....			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica.....	8			Calif.*
Palm.....	New Guinea.....	1			Calif.*
<i>Aspidiotus spinosus</i> Comst. (Coccidae):					
<i>Cocos nucifera</i> .....	Mexico.....			1	Calif.*
<i>Persea americana</i> (avocado).....	Cuba.....	1			Fla.*
Zingiberaceae.....	Hawaii.....			1	Calif.*
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo.....	Costa Rica, Mexico.....	2			Ariz., Calif.*
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
<i>Cattleya dowiana</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Cattleya luddemanniana</i> (orchid).....	Venezuela.....			1	N. J.
<i>Cattleya</i> sp.....	do.....			2	N. J.
<i>Epidendrum atropurpureum</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Epidendrum</i> sp.....	Haiti, Venezuela.....			2	N. J.
<i>Gongora</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Laelia anceps alba</i> (orchid).....	Costa Rica.....			1	N. J.
<i>Oncidium carthagenense</i> (orchid).....	do.....			1	N. J.
<i>Oncidium</i> sp.....	Haiti, Trinidad, Venezuela.....			3	N. J.
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae)					
<i>Achras zapota</i> (sapodilla).....	Dominican Republic.....		1		Fla.*
<i>Ficus</i> sp. (fig.).....	Mexico.....	1			Tex.
<i>Mangifera indica</i> (mango).....	do.....	1			Tex.
<i>Barathra brassicae</i> (L.) (Phlaenidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	England.....		1		N. Y.
<i>Baris lepidii</i> Germ. (Curculionidae):					
<i>Brassica rapa</i> (turnip).....	Algeria.....		1		Mass.
<i>Barypeithes pellucidus</i> (Boh.) (Curculionidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Canada.....			1	Wash.
<i>Rhododendron</i> sp.....	England.....			1	Wash.
Soil.....	Canada.....			1	N. J.
<i>Blissus leucopterus</i> (Say) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Bolbothrips aztecus</i> Crawford (Thripidae):					
<i>Tigridia pavonia</i> (azteca lily).....	do.....			1	Tex.



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<i>Bostrychopsis trimorpha</i> Lesne (Bostrichidae):					
Bamboo	Colombia	2			N. Y.
<i>Furcraea humboldtiana</i> (brava)	do.	2			N. Y.
<i>Brachycoryna pumila</i> Guer. (Chrysomelidae):					
<i>Pseudabutilon lozani</i> (falseabutilon)	Mexico	1			Tex.
<i>Brachyrhinus oscatus</i> (L.) (Curculionidae):					
<i>Agropyron repens</i> (quackgrass)	Scotland	1			N. Y.
Sand around grass roots	England	1			N. Y.
Unidentified plant	Canada			1	N. Y.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
Ballast	England	1			N. Y.
Soil around spruce tree	Canada			1	N. Y.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Sariraga</i> sp.	British Columbia			1	N. J.
<i>Brentus anchorago</i> (L.) (Brentidae):					
<i>Swietenia mahagoni</i> (mahogany)	Mexico	1			Tex.
<i>Brontispa froggatti</i> Sharp (Chrysomelidae):					
<i>Cocos nucifera</i> (coconut)	Solomon Islands			1	Calif.*
<i>Bruchus elegans</i> Blanchard (Bruchidae):					
<i>Lithraea caustica</i>	Chile			1	D. C.
<i>Bruchus guttalis</i> Rey (Bruchidae):					
<i>Secale cereale</i> (rye)	Portugal	1			Pa.
<i>Triticum aestivum</i> (wheat)	do.	1			Md.
<i>Vicia</i> sp. (vetch)	do.	11			Calif.*, Oreg., Pa., Wash.
<i>Bruchus rufipes</i> Hbst. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	Italy	1			Pa.
<i>Calendra ochrea</i> Lec. (Curculionidae):					
Unknown	Mexico	1			Tex.
<i>Calligrapha elegans</i> (Oliv.) (Chrysomelidae):					
<i>Fragaria</i> sp. (strawberry)	Canada			1	N. Y.
<i>Callirhytis sonorae</i> Weld (Cynipidae):					
<i>Quercus</i> sp. (acorn)	Mexico	1			Tex.
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Pisum sativum</i> (pea)	India		1		Ga.
<i>Callosobruchus chinensis</i> (L.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Hawaii, Jamaica			2	N. J., Wash.
<i>Vicia faba</i> (broadbean)	China			1	D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae):					
<i>Beta vulgaris</i> cicla (Swiss chard)	Mexico	1			Tex.
<i>Brassica rapa</i> (turnip)	do.	1			Tex.
<i>Cajanus cajan</i> (pigeonpea)	British Guiana, British West Indies	1		3	N. J., N. Y.
<i>Cicer arietinum</i> (chickpea)	Mexico, Venezuela	5			Fla.*, Tex.
Legume seed	Nigeria			1	N. J.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Phaseolus aureus</i> (mung bean)	do.	2			Ariz.
<i>Pisum sativum</i> (pea)	Brazil, British Guiana, India, Jamaica	3	1		Calif.*, La., N. Y.
Unknown seed	British Guiana	1			N. Y.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Hawaii			1	Wash.
Leguminous seed pod	Bahamas	1			Fla.*
<i>Campylomma verbasci</i> (Myer) (Miridae):					
<i>Aster</i> sp.	British Columbia	1			Wash.
<i>Carcinops quatuordecimstriata</i> (Steph.) (Histeridae):					
<i>Pyrus communis</i> (pear)	Argentina	1			La.
<i>Carneoccephala flaviceps</i> (Riley) (Cicadellidae):					
<i>Gossypium</i> sp. (seed cotton)	Salvador	1			Tex.
<i>Cartodere ruficollis</i> (Marsh.) (Lathridiidae):					
<i>Oryza sativa</i> (rice)	Soldier's mail	1			N. Y.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Caesalpinia praecox</i>	Argentina			1	D. C.
Tree seed	South Pacific			1	Calif.*
Undetermined seed	Hawaii			1	Calif.*
<i>Catorama herbarium</i> (Gorh.) (Anobiidae):					
Undetermined seed	India			1	Wash.
<i>Catorama tabaci</i> Guer. (Anobiidae):					
<i>Pisum sativum</i> (pea)	Jamaica	1			N. Y.
<i>Ricinus communis</i> (castor-bean)	Mexico			1	Tex.

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<i>Caulophilus latinasus</i> (Say) (Curculionidae):					
<i>Persea americana</i> (avocado).....	Mexico.....			2	Tex.
<i>Celerio lineata</i> (F.) (Sphingidae):					
<i>Portulaca oleracea</i> (purslane).....	do.....	3			Tex.
<i>Ceratitidis capitata</i> (Wied.) (Tephritidae):					
Airplane.....	South Pacific.....		1		Hawaii.*
<i>Citrus paradisi</i> (grapefruit).....	Australia, Egypt.....		3		Md., Mass., N. Y.
<i>Citrus sinensis</i> (orange).....	Egypt, Palestine, Spain.....		3		Md., Mass., N. Y.
By an orange in sand ballast.....	Palestine.....		1		Tex.
<i>Lycopersicon esculentum</i> (tomato).....	Hawaii.....		1		Calif.*
<i>Malus pumila</i> (apple).....	Portugal.....		1		N. Y.
<i>Mangifera indica</i> (mango).....	Hawaii.....	1			Calif.*
<i>Vitis</i> sp. (grape).....	Portugal.....	1			Pa.
<i>Ceratitidis capitata</i> (Wied.) (Tephritidae) (?):					
<i>Citrus paradisi</i> (grapefruit).....	Union of South Africa.....		1		Pa.
<i>Citrus sinensis</i> (orange).....	Brazil.....	1			Md.
<i>Ceroplastes floridensis</i> Comst. (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	Costa Rica, Mexico.....	2	1		Ariz., Fla.,* Tex.
<i>Ceutorhynchus pleurostigma</i> Marsh. (Curculionidae):					
<i>Brassica napobrassica</i> (rutabaga).....	England.....		1		Pa.
<i>Brassica rapa</i> (turnip).....	do.....		1		Pa.
<i>Chaetopsis debilis</i> Loew (Otitidae):					
<i>Typha</i> sp. (cattail).....	Mexico.....	1			Tex.
<i>Chaetopsis fulvifrons</i> (Maeq.) (Otitidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Chrysanthemum</i> sp.....	do.....	1			Tex.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Zantedeschia aethiopica</i> (calla lily).....	do.....			2	Tex.
<i>Zea mays</i> (corn).....	do.....	70	1		Ariz., Tex.
<i>Chariessa vestita</i> Chevr. (Cleridae):					
Empty box car.....	do.....		1		Tex.
<i>Gossypium</i> sp. (cotton).....	do.....	1			Tex.
<i>Chilo lofini</i> Dyar (Crambidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Chilo simplex</i> (Btlr.) (?) (Crambidae):					
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Mo.
<i>Chionaspis citri</i> Comst. (Coccidae):					
<i>Citrus nobilis unshiu</i> (Satsuma orange).....	Jamaica.....	1			Fla.*
<i>Citrus paradisi</i> (grapefruit).....	Aruba.....		1		Fla.*
<i>Citrus sinensis</i> (orange).....	British Guiana, Puerto Rico, Venezuela.....		3		Fla.*
<i>Chirothrips manicatus</i> Hal. (Thripidae):					
Sod in ballast.....	Scotland.....	1			N. Y.
<i>Chlorophorus annularis</i> (F.) (Cerambycidae):					
Bamboo.....	Guam.....		1		Hawaii.*
<i>Chorizagrotis auxiliaris</i> (Grt.) (Phalaenidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica.....	1			Calif.*
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
<i>Persea americana</i> (avocado).....	Mexico.....	2			Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Bumelia laetevirens</i> .....	do.....	1			Tex.
<i>Citrus paradisi</i> (grapefruit).....	Panama.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	do.....		2		Calif.*
Palm.....	Martinique.....		1		N. Y.
Unidentified leaf.....	Madeira Islands.....	1			Pa.
<i>Chrysomphalus scutiformis</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Mexico.....		1		Calif.*
<i>Chrysomphalus (Melanaspis) tenax</i> (McKenzie) (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	Colombia.....		1		Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Cattleya bowringiana</i> (orchid).....	Guatemala.....		1		Calif.*
<i>Epidendrum nemorale</i> (orchid).....	do.....		1		Calif.*
<i>Leelia superbiens</i> (orchid).....	do.....		2		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	Costa Rica.....	10			Calif.*
<i>Schomburgkia</i> sp. (orchid).....	do.....		1		N. Y.
<i>Vanilla planifolia</i> (orchid).....	Canal Zone.....		1		Calif.*

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<i>Clastoptera xanthocephala unicolor</i> Fowler (Cercopidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Cleozona pulchra</i> Bates (Cerambycidae):					
<i>Guaiacum officinale</i> (ligum vitae)	Guatemala	1			Calif.*
<i>Cligenes delineata</i> (Dist.) (Lygaeidae):					
<i>Oncidium splendidum</i> (orchid)	do			1	Calif.*
<i>Clydonopteron tecomae</i> Riley (Chrysaugidae):					
<i>Stenolobium stans</i>	Mexico	1			Ariz.
<i>Clytus arietis</i> (L.) (Cerambycidae):					
<i>Ulmus</i> sp. (elm)	England	2			N. Y.
<i>Coccus mangiferae</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Mexico	1			Tex.
<i>Mangifera indica</i> (mango)	Martinique			1	P. R.
<i>Coccus pseudosperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya trianae</i> (orchid)	Guatemala			1	D. C.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Citrus</i> sp.	Colombia	1			Fla.*
<i>Coffea</i> sp.	Guatemala			1	N. J.
<i>Gardenia augusta</i> (Cape-jasmine)	Cuba, Curacao, Dominican Republic, Hawaii, Honduras (?), Mexico, Panama, Puerto Rico, Venezuela.	17			Fla.*
Unidentified leaf and bark	Cuba	1			Fla.*
<i>Warszewiczia coccinea</i> (orangegold chaconia)	Canal Zone			1	N. J.
<i>Colecerus marmoratus</i> Horn (Curculionidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico		1		Tex.
<i>Colias eurytheme</i> Bdv. (Pieridae):					
<i>Medicago sativa</i> (alfalfa)	do		3		Tex.
<i>Colladonus montanus</i> (VanD.) (Cicadellidae):					
Airplane	South Pacific			1	Hawaii.*
<i>Conchaspis angracae</i> Ckll. (Coccidae):					
<i>Annona</i> sp.	Cuba	1			Fla.*
<i>Conoderus browni</i> Krull (Elateridae):					
<i>Calopogonium caeruleum</i> (jicama)	Mexico	1			Tex.
<i>Conoderus pictus</i> Cand. (Elateridae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	do	147			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak)	do	6			Ariz., Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Honduras		1		Ala.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Solanum tuberosum</i> (potato)	do	1			Ariz.
<i>Spinacia oleracea</i> (spinach)	do	1			Tex.
<i>Coproporus pulchellus</i> (Fr.) (Staphylinidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	N. J.
<i>Crocus</i> sp.	Mexico			1	Tex.
<i>Lilium longiflorum</i> (Easter lily)	do			3	Tex.
<i>Corcyra cephalonica</i> (Staint.) (Galleriidae):					
<i>Arachis hypogaea</i> (peanut)	Cuba	1			N. Y.
<i>Citrus sinensis</i> (orange)	Puerto Rico	1			N. Y.
<i>Gossypium</i> sp. (cottonseed)	Antigua, Haiti	1		1	P. R.
<i>Oryza sativa</i> (rice)	Soldier's mail	1			Minn.
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
Sand ballast	Egypt	1			Tex.
<i>Cordylomera spinicornis</i> (F.) (Cerambycidae):					
<i>Khaya</i> sp.	Gold Coast	11			Md., Pa.
<i>Corynetes analis</i> Klug. (Corynetidae):					
<i>Raphia taedigera</i> (American raffia palm)	do	1			N. Y.
<i>Corimelaena incognita</i> (McA. & M.) (Cydnidae):					
<i>Antirrhinum majus</i> (snapdragon)	Mexico	1			Ariz.



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<i>Crophius costatus</i> (Dist.) (Lygaeidae):	Guatemala	1			Tex.
<i>Odontoglossum grande</i> (orchid)					
<i>Crosidosema plebeiana</i> Zell. (Olethreutidae):	Mexico			1	Calif.*
<i>Hibiscus esculentus</i> (okra)					
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae):	Guatemala			1	Calif.*
<i>Odontoglossum grande</i> (orchid)					
<i>Cryptoderes cavifrons</i> Banks (Kalotermitidae):					
<i>Guajacum officinale</i> (lignumvitae)	do	1			Calif.*
<i>Curculio q-griseae</i> Chhtn. (Curculionidae):					
<i>Quercus</i> sp. (oak)	Mexico	19			Ariz., Tex.
<i>Cybosoma grande</i> Jordan (Anthribidae):					
<i>Achras zapota</i> (sapodilla) (?)	Guatemala			1	Tex.
<i>Cylas formicarius</i> Faust (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Gold Coast		1		N. Y.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	India		1		N. Y.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Colombia, Cuba, Haiti, Honduras, Mexico, Panama, Puerto Rico, Sierra Leone, Venezuela (?).	23	16		Calif.*, Fla.*, La., Md.
<i>Cylas formicarius</i> , probably <i>elegantulus</i> (Summers) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Canal Zone, Cuba, Puerto Rico.		7		N. Y., Tex., Ala., N. Y., Pa., Tex.
<i>Cylas puncticollis</i> Boh. (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Sierra Leone		1		N. Y.
<i>Cypselia bimaculata</i> (Will.) (Cypselidae):					
<i>Beta vulgaris cicla</i> (Swiss chard)	Mexico	1			Tex.
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Cyrtopeltis varians</i> (Distant) (Miridae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Dacne picta</i> Crotch (Erotylidae):					
<i>Agaricus campestris</i> (mushroom)	Soldier's mail	1			N. Y.
<i>Dacus cucurbitae</i> Coq. (Tephritidae):					
<i>Cucumis sativus</i> (cucumber)	Hawaii		2		Calif.*, Wash.
<i>Lycopersicon esculentum</i> (tomato)	do		14		Calif.*
<i>Phaseolus</i> sp. (string bean)	do		1		Calif.*
<i>Dacus cucurbitae</i> Coq. (?) (Tephritidae):					
<i>Cucurbita maxima</i> (squash)	do		1		Wash.
<i>Dalopius marginatus</i> L. (Elateridae):					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Decatoma foliatae arizonica</i> Balduf. (Eurytomidae):					
<i>Quercus</i> sp. (oak)	Mexico	1			Ariz.
<i>Dercynus micronyz</i> Champ. (Curculionidae):					
<i>Saraca indica</i> (saraca)	Trinidad			1	N. J.
<i>Desmiphora hirticollis</i> (Oliv.) (Cerambycidae):					
Wood	Salvador	1			La.
<i>Desmometopa m-nigrum</i> (Zett.) (Agromyzidae):					
<i>Solanum tuberosum</i> (potato)	Portugal		1		Pa.
<i>Dialeurodes chittendeni</i> Laing (?) (Aleyrodidae):					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae):					
<i>Citrus</i> sp.	Colombia, Cuba, Puerto Rico.	4			Fla.*
<i>Diaphania hyalinata</i> (L.) (Pyraustidae):					
<i>Cucurbita maxima</i> (squash)	Mexico	4			Tex.
<i>Cucurbita pepo</i> (pumpkin)	do	1			Tex.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae):					
<i>Cucumis sativus</i> (cucumber)	Chile, Trinidad	3			Ga., N. Y., Pa.
<i>Cucurbita maxima</i> (squash)	Mexico	30	1		Tex.
<i>Diatraea saccharalis</i> (F.) (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)	Cuba, Mexico	1	2		Pa., Tex
<i>Sorghum vulgare technicum</i> (broomcorn)	Argentina	1			La.

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<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae):					
<i>Caesalpinia coriaria</i> (divi-divi).....	Colombia.....	1			N. Y.
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Pa.
<i>Serjania mexicana</i> (barbasco).....	Peru.....	6			N. Y.
Wood.....	Cuba, India.....	2			Ohio, Tex.
<i>Dinoderus brevis</i> Horn (Bostrichidae):					
Bamboo.....	India, Philippines (?), soldier's mail.....	5			Minn., N. Y., Wash.
Basket.....	South Pacific.....	1			Wash.
<i>Dinoderus ocellaris</i> Steph. (Bostrichidae):					
Bamboo.....	India, soldier's mail.....	4			Ill., N. Y.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii, New Hebrides.....	1	1	1	Calif.*, Wash.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae):					
<i>Laelia superbiens</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Oncidium cavendishianum</i> (orchid).....	do.....			1	Calif.*
<i>Oncidium splendidum</i> .....	do.....			1	Calif.*
Orchid.....	Mexico.....			1	Tex.
<i>Dorytomus luridus</i> (Mann.) (Curculionidae):					
<i>Salix</i> sp. (willow).....	British Columbia.....	1			Wash.
<i>Draeculacephala lenticula</i> Ball (Cicadellidae):					
<i>Triticum aestivum</i> (wheat).....	Mexico.....	1			Tex.
<i>Draeculacephala portola</i> Ball (Cicadellidae):					
Orchid.....	do.....	1			Tex.
<i>Draeculacephala soluta</i> Gibson (Cicadellidae):					
Airplane.....	do.....		1		Tex.
<i>Beta vulgaris cicla</i> (Swiss chard).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Drasterius livens</i> Lec. (Elateridae):					
<i>Raphanus sativus</i> (radish).....	do.....	1			Tex.
<i>Zea mays</i> (corn).....	do.....	1			Tex.
<i>Dysdercus mimulus</i> Huss. (Pyrrhocoridae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Pseudabutilon tozani</i> (falseabutilon).....	do.....	1			Tex.
<i>Elasmopalpus lignosellus</i> (Zell.) (Phycitidae):					
<i>Pisum sativum</i> (pea).....	do.....		1		Tex.
<i>Empoasca abrupta</i> DeL. (Cicadellidae):					
<i>Coriandrum sativum</i> (coriander).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Lilium</i> sp. (lily).....	do.....	1			Tex.
Mixed vegetables.....	do.....	1			Tex.
<i>Empoasca thela</i> Dav. & DeL. (Cicadellidae):					
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Ariz.
<i>Endestes sculpturatus</i> Sharp (Colydiidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Enicmus consimilis</i> (Mann.) (Lathridiidae):					
Hay and litter.....	Germany, soldier's mail.....	2			N. Y., Ohio.
<i>Enicmus minutus</i> (L.) (Lathridiidae):					
Grass skirt.....	South Pacific.....	1			Wash.
Hay.....	Soldier's mail.....	2			N. Y., Wash.
<i>Zantedeschia</i> sp.....	Mexico.....			1	Tex.
<i>Epicaerus cognatus</i> Sharp (Curculionidae):					
<i>Solanum tuberosum</i> (potato).....	do.....		16		La., Md., N. Y., Tex.
<i>Epicauta rileyi</i> Horn (Meloidea):					
<i>Chrysanthemum</i> sp.....	do.....	1			Ariz.
<i>Epilachna carvestis</i> Muls. (Coccinellidae):					
<i>Brassica rapa</i> (turnip).....	do.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae):					
<i>Phaseolus</i> sp. (string bean).....	Mexico, Peru.....	60	3		Ariz., Md., Tex.
<i>Epirrix cucumeris</i> (Har.) (Chrysomelidae):					
<i>Physalis</i> sp. (bush tomato).....	Mexico.....	1			Tex.
<i>Epirrix fasciata</i> Blatch. (Chrysomelidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	5			Tex.
<i>Epirrix subcrinita</i> (Lec.) (Chrysomelidae):					
<i>Ilex</i> sp. (holly).....	Canada.....	1			Wash.

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<i>Eriococcus coccineus</i> Kkll. (Coccidae):					
Cactus	Mexico			2	Tex.
<i>Mammillaria parkinsoni</i> (cactus)	do			1	Tex.
<i>Eriococcus serratilibis prominens</i> Gr. (Coccidae):					
<i>Eucalyptus</i> sp.	Australia	1			Mich.
<i>Estigmene acrea</i> (Dru.) (Aretidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Eucalandra setulosa</i> (Gyll.) (Curculionidae):					
Bamboo	Colombia, Mexico	2			N. Y., Tex.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Mexico	4	1		Tex.
Palm	Portugal		1		Pa.
<i>Eucnoceris anthrenoides</i> Sharp (Dermestidae):					
<i>Caesalpinia coriaria</i> (divo-divi)	Venezuela	1			N. Y.
<i>Eumecosomyia nubila</i> (Wied.) (Otitidae):					
<i>Cucurbita maxima</i> (squash)	Mexico	1			Tex.
<i>Zea mays</i> (corn)	do	14			Ariz., Tex.
<i>Eurycipitia vestitus</i> Dist. (Miridae):					
<i>Cattleya bowringiana</i> (orchid)	Guatemala			2	Calif.*
<i>Oncidium cavendishianum</i> (orchid)	do			1	Calif.*
<i>Oncidium splendidum</i> (orchid)	do			1	Calif.*
Orchid	Mexico			1	Tex.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya</i> sp. (orchid)	Brazil, Venezuela			37	N. J.
<i>Eusepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	Brazil, Cuba, Trinidad		6		Ala., La., Md., N. Y., Pa.
<i>Euxesta stigmatias</i> Loew (Otitidae):					
<i>Zea mays</i> (corn)	Mexico	1			Ariz.
<i>Evalljpyr dotichodduus</i> Silv. (Lapygidae):					
<i>Lilium longiflorum</i> (Easter lily)	do			1	Tex.
<i>Everes comyntas</i> (Godart) (Lycaenidae):					
<i>Phaseolus</i> sp. (string bean)	do		5		Tex.
<i>Evergestis rimosalis</i> (Gn.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)	do		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do		1		Tex.
<i>Evergestis straminealis</i> (Hbn.) (Pyraustidae):					
Vegetable	Canada			1	N. Y.
<i>Exptochiamera minima</i> (Guer.) (Lygaeidae):					
<i>Calopogonium caeruleum</i> (jicama)	Mexico	1			Tex.
Orchid	do			1	Tex.
<i>Forcipomyia raleighi</i> Macfie (Heleidae):					
<i>Lilium longiflorum</i> (Easter lily)	do			1	Tex.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	2			Calif.*
<i>Triticum aestivum</i> (wheat)	Italy, soldier's mail	2			Minn., Pa.
<i>Forficula pubescens</i> Serv. (Forficulidae):					
Mail	Unknown	1			Pa.
<i>Frankliniella bratleyi</i> Wats. (Thripidae):					
<i>Polianthes</i> sp.	Mexico			2	Tex.
<i>Frankliniella cephalica</i> (Crawf.) (Thripidae):					
<i>Rosa</i> sp.	do	1			La.
<i>Frankliniella difficilis</i> Hood (Thripidae):					
<i>Rosa</i> sp.	Venezuela	1			Fla.*
<i>Frankliniella insularis</i> (Frankl.) (Thripidae):					
Flower	Trinidad			1	N. Y.
<i>Rosa</i> sp.	Puerto Rico, Venezuela	2			Fla.*
<i>Frankliniella minuta</i> (Mlt.) (Thripidae):					
<i>Cattleya</i> sp. (orchid)	Mexico			1	Tex.
<i>Frankliniella moultoni</i> Hood (Thripidae):					
<i>Lavandula</i> sp.	Canada	1			Calif.*
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Ornithogalum</i> sp.	Union of South Africa	1			N. Y.
<i>Frankliniella tritici</i> (Fitch) (Thripidae):					
<i>Gladiolus</i> sp.	Canada	1			N. Y.
<i>Syringa</i> sp. (lilac)	do	1			N. Y.



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<i>Fulvius albomaculatus</i> Dist. (Miridae):					
<i>Citrus paradisi</i> (grapefruit).....	Trinidad.....		1		N. Y.
<i>Fulvius anthocorides</i> Stal (Miridae):					
Orchid.....	Mexico.....			1	Tex.
<i>Fulvius ozycaenoides</i> Reuther (Miridae):					
<i>Khaya</i> sp.....	Gold Coast.....	1			Pa.
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola</i> sp. (orchid).....	Soldier's mail.....			1	N. J.
<i>Cattleya dowiana</i> (orchid).....	Canal Zone.....			1	N. J.
<i>Cattleya percaliana</i> .....	Venezuela.....			1	Tex.
<i>Cattleya trianae</i> alba.....	Costa Rica.....			1	N. J.
<i>Cattleya</i> sp.....	Colombia, Trinidad, Venezuela, West Indies (?).....	6			N. J., Tex.
<i>Oncidium ampliatum majus</i> (orchid).....	Canal Zone.....			1	N. J.
Orchid.....	Haiti (?).....			1	N. J.
<i>Furcaspis oceanica</i> Lindgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Caroline Islands, Eniwetok Island, Marshall Islands, Oceania, sailor's mail, South Pacific.....	37	4		Calif.,* N. Y., Wash.
Palm or grass skirt.....	Sailor's mail.....	1			Minn.
Palm skirt.....	South Pacific.....	1			Wash.
<i>Galerucella marmorata</i> Jac. (Chrysomelidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Galgupha magna</i> Sailer (Cydniidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Geotomus pygmaeus</i> (Dallas) (Cydniidae):					
Grass skirt.....	Soldier's mail.....	1			Wash.
<i>Gerstaeckeria mutilaria</i> (Gerst.) (Curculionidae):					
Cactus.....	Mexico.....			1	Tex.
<i>Mammillaria trichacantha</i> (cactus).....	do.....			1	Tex.
<i>Mammillaria</i> sp.....	do.....			1	Tex.
<i>Glyphonyx praecox</i> (Er.) (Elateridae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Prunus persica</i> (peach).....	do.....	1			Tex.
<i>Glyptina nivalis</i> Horn (Chrysomelidae):					
<i>Chrysanthemum</i> sp.....	do.....	1			Tex.
<i>Gnortimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....	20			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp. (azalea).....	Canada.....			1	Wash.
<i>Gracilaria syringella</i> (F.) (Gracilariidae):					
<i>Rhododendron scabrum</i> .....	do.....			1	Wash.
<i>Grapholita packardii</i> Zell (Olethreutidae):					
<i>Crataegus</i> sp. (thorn apple).....	Mexico.....	2			Tex.
<i>Crataegus</i> sp. (red haw).....	do.....	1			Tex.
<i>Crataegus</i> sp. (haw).....	do.....	1			Tex.
<i>Gymnaetron antirrhini</i> Payk. (Curculionidae):					
<i>Linaria</i> sp.....	France.....	1			Oreg.
<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Nerium oleander</i> (oleander).....	Mexico.....			1	D. C.
<i>Haplothrips niger</i> (Osb.) (Phlaeothripidae):					
<i>Syringa</i> sp. (lilac).....	Canada.....	1			N. Y.
<i>Heliodines bella</i> (Chamb.) (Heliodinidae):					
<i>Portulaca oleracea</i> (purslane).....	Mexico.....	60			Ariz., Tex.
<i>Heliothis subflexa</i> (Gn.) (Phalaenidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....	12			Tex.
<i>Hellula undalis</i> (F.) (Pyraustidae):					
<i>Brassica juncea</i> (Chinese mustard).....	do.....	1			Tex.
<i>Brassica oleracea capitata</i> (cabbage).....	do.....	2			Tex.
<i>Brassica rapa</i> (turnip).....	do.....	8			Calif., Tex.
<i>Brassica</i> sp. (mustard).....	do.....	5			Ariz., Tex.
<i>Hermelia illucens</i> (L.) (Stratiomyidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Tex.
Palm fruit.....	Liberia.....	1			Pa.



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<i>Hermesia pennicornis</i> Bezzi (Stratiomyidae): Palm	Portugal	1			Pa.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostri- chidae): <i>Oryza sativa</i> (rice)	Soldier's mail	1			N. Y.
Wood	India, soldier's mail	8			La., N. Y.
<i>Heteroderes amplicollis</i> (Gyl.) (Elateridae): Straw jacket	Azores	1			N. Y.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae): <i>Cymbidium</i> sp. (orchid)	England			1	N. J.
<i>Dahlia</i> sp.	do			1	N. J.
<i>Rhododendron</i> sp.	do			1	Wash.
Soil around dahlia tubers	do			1	Calif. *
<i>Hymenia perspectalis</i> (Hbn.) (Pyraustidae): <i>Beta vulgaris cicla</i> (Swiss chard)	Mexico	1			Tex.
Weeds	do		1		Tex.
<i>Hypogeocoris imperialis</i> (Dist.) (Lygaeidae): <i>Allium sativum</i> (garlic)	do	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Hypselnotus fulvus punctiventris</i> Stal (Corei- dae): <i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Riotona cacti</i> (Lec.) (Histeridae): <i>Musa paradisiaca sapientum</i> (banana)	do	1			Tex.
<i>Iridomyrmex humilis</i> Mayr. (Formicidae): Airplane	South Pacific		1		Hawaii.*
<i>Cocos nucifera</i> (coconut)	Soldier's mail	1			Wash.
Sea shells and coconut	do			1	N. J.
War curios	Europe	1			N. J.
<i>Iridomyrmex iniquus</i> Mayr. (Formicidae): <i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Iridomyrmex iniquus nigella</i> Emery (Formi- cidae): <i>Cattleya</i> sp. (orchid)	do			1	N. J.
<i>Cattleya skinneri</i>	Guatemala			1	Calif. *
Fiber packing	Panama	1			Calif. *
<i>Oncidium cavendishianum</i> (orchid)	Guatemala			1	Calif. *
<i>Lamenia caliginea</i> Stal (Fulgoroidea): Airplane	South Pacific (?)		1		Hawaii.*
<i>Lariophagus distinguendus</i> (Foerst.) (Ptero- malidae): <i>Carum carvi</i> (caraway)	Mexico	1			Tex.
<i>Sorghum vulgare</i> (sorghum)	Malta			1	Ohio.
<i>Triticum aestivum</i> (wheat)	Soldier's mail, Tunisia			2	D. C., N. J.
<i>Lariophagus texanus</i> Cwfd. (Pteromalidae): Airplane	South Pacific		2		Hawaii.*
<i>Laspeyresia membra</i> Hein. (Olethreutidae): <i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreuti- dae): <i>Castanea</i> sp. (chestnut)	France, Italy, Portugal, soldier's mail.	23	1		Ga., Minn., N. Y., Ohio, Pa.
<i>Quercus</i> sp. (acorn)	Algeria, Spain			3	D. C., N. J.
<i>Lecanopsis formicarum</i> Newst. (Coccidae): Sand ballast	England	1			Tex.
<i>Leperisinus frazzini</i> (Panz.) (Scolytidae): <i>Frazinus</i> sp. (ash)	do	5			N. Y.
<i>Lepidosaphes alba</i> (Ckll.) (Coccidae): <i>Manihot esculenta</i> (cassava)	Haiti			1	N. J.
Unknown leaf and stem	Bahamas	1			N. J.
" <i>Lepidosaphes</i> " <i>hemichionaspiformis</i> Green (Coccidae): Unidentified leaf	Australia	1			Calif. *
<i>Lepidosaphes juniperi</i> Lindgr. (Coccidae): <i>Juniperus</i> sp.	Soldier's mail			1	N. J.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae): Cactus	Mexico			1	Tex.
<i>Cereus cometes</i> (cactus)	do			1	Tex.
<i>Cereus marginatus</i>	do			1	Tex.
<i>Lemaireocereus chende</i> (cactus)	do			1	Tex.
<i>Lemaireocereus stellatus</i> (cactus)	do			1	Tex.
<i>Myrtillocactus geometrizans</i> (cactus)	do			3	Tex.

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<i>Lepidosaphes punicae</i> Laing (Coccidae):					
<i>Litchi chinensis</i> (lychee)	Honduras			1	D. C.
<i>Lepidosaphes tuberculata</i> Malen. (Coccidae):					
<i>Cymbidium</i> sp. (orchid)	England			4	N. J.
<i>Dendrobium fimbriatum oculatum</i> (orchid)	Trinidad			1	Calif.*
<i>Dendrobium moschatum</i> (orchid)	do.			1	Calif.*
<i>Leptostylus gibbulosus</i> Bates (Cerambycidae):					
<i>Sapindus saponaria</i> (southern soapberry)	Colombia, Venezuela	1		1	D. C.
<i>Leucaspis cockerelli</i> (de Charney) (Coccidae):					
<i>Citrus aurantifolia</i>	Costa Rica				Calif.*
<i>Citrus limon</i> (lemon)	Panama, Trinidad		3		Calif.*
<i>Citrus paradisi</i> (grapefruit)	do.		3		Calif.*
<i>Cocos nucifera</i> (coconut)	Hawaii			1	Calif.*
<i>Leucinodes elegantalis</i> Gn. (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	101			Ariz., Tex.
<i>Ligyrocoris aurivilliana</i> (Dist.) (Lygaeidae):					
<i>Portulaca oleracea</i> (purslane)	do.	1			Tex.
<i>Ligyrocoris litigiosus</i> (Stal) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do.	1			Tex.
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Calif.*
<i>Ligyrocoris nitidulus</i> (Uhl.) (Lygaeidae):					
Unidentified flower	Mexico	1			Tex.
<i>Ligyrocoris setosus</i> (Stal) (Lygaeidae):					
Cabin of airplane	do.		1		Tex.
<i>Limothrips cerealium</i> Hal. (Thripidae):					
<i>Cattleya</i> sp. (orchid)	England			1	N. J.
<i>Cymbidium</i> sp. (orchid)	do.			1	N. J.
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	16			Ariz., Tex.
<i>Liodes kirochi</i> (Bates) (Tenebrionidae):					
<i>Schomburgkia</i> sp. (orchid)	Honduras			1	N. J.
<i>Liorhyssus hyalinus</i> (F.) (Coreidae):					
<i>Brassica</i> sp. (mustard)	Mexico	1			Tex.
<i>Chrysanthemum</i> sp.	do.	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do.	5			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Medicago sativa</i> (alfalfa)	do.	1			Tex.
<i>Liothrips vaneeckei</i> Pr. (Thripidae):					
<i>Lilium pardalinum giganteum</i> (lily)	England			1	N. J.
<i>Lilium szovitzianum</i>	do.			1	N. J.
<i>Lilium</i> sp.	British Columbia			2	Wash.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	2			Tex.
<i>Listrus senilis</i> (Lec.) (Dasytidae):					
<i>Antirrhinum majus</i> (snapdragon)	do.	1			Tex.
<i>Gladiolus</i> sp.	do.	1			Tex.
Mixed cut flowers	Guatemala	1			Tex.
<i>Litargus connexus</i> (Fourer.) (Mycetophagidae):					
<i>Quercus</i> sp. (acorn)	Spain			1	N. J.
<i>Listronotus oregonensis</i> Lec. (Curculionidae):					
<i>Daucus carota sativa</i> (carrot)	do.	1			Tex.
<i>Lophocateres pusillus</i> (Klug.) (Ostomidae):					
<i>Gladiolus</i> sp.	Mexico			1	Tex.
<i>Ipomoea batatas</i> (sweetpotato)	India		1		N. Y.
<i>Oryza sativa</i> (rice)	Brazil	1			N. Y.
<i>Loxostege helvialis</i> (Wlk.) (Pyraustidae):					
<i>Chenopodium album</i> (pigweed)	Mexico	1			Tex.
<i>Cucumis melo</i> (cantaloup)	do.	1			Ariz.
<i>Loxostege similalis</i> (Guen.) (Pyraustidae):					
Airplane	do.		1		Tex.
<i>Brassica oleracea capitata</i> (cabbage)	do.	1			Tex.
<i>Chrysanthemum</i> sp.	do.	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do.	1			Tex.
<i>Ludius cupreus</i> (F.) (Elateridae):					
Sod in ballast	Scotland	1			N. Y.
<i>Ludius sjalendicus</i> Mul. (Elateridae):					
Soil	Soldier's mail			1	N. J.
<i>Lycostomus sanguineus</i> Goerh. (Lycidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.

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<i>Lygaeus pulchellus</i> F. (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Lygaeus vittiscutis</i> Stal (Lygaeidae):					
Broom	do	1			Tex.
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Saccharum officinarum</i> (sugarcane)	do	1			Tex.
<i>Lygus apicalis</i> Fieb. (Miridae):					
<i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Lygus elisus</i> Van Duzee (Miridae):					
<i>Brassica rapa</i> (turnip)	do	2			Tex.
<i>Lygus hesperus</i> Knight (Miridae):					
<i>Raphanus sativus</i> (radish)	do	1			Tex.
<i>Lygus oblineatus</i> (Say) (Miridae):					
<i>Brassica chinensis</i> (Chinese cabbage)	do	1			Tex.
<i>Brassica</i> sp. (mustard)	do	2			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Ariz.
<i>Lygus rubicundus</i> (Fall.) (Miridae):					
Flowers	do	1			Tex.
<i>Macrodactylus mexicanus</i> Burm. (Scarabaeidae):					
<i>Dianthus</i> sp. (carnation)	do	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Macrosiphoniella sanborni</i> (Gill.) (Aphidae):					
<i>Chrysanthemum</i> sp.	Canada			1	N. Y.
<i>Macrosiphum granarium</i> (Kirby) (Aphidae):					
<i>Gladiolus</i> sp.	Mexico	1			Calif.*
<i>Macrosiphum lilii</i> (Monell) (Aphidae):					
<i>Lilium</i> sp. (lily)	Chile		1		Calif.*
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Phaseolus</i> sp. (string bean)	Hawaii		3		Calif.*, Wash.
<i>Megacyllene boliviana</i> (Chevr.) (Cerambycidae):					
<i>Lonchocarpus</i> sp.	Peru	1			N. Y.
<i>Megapenthes cinnamomeus</i> Champ. (Elateridae):					
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Calif.*
<i>Megasternum boletophagum</i> (Marsh.) (Hydrophilidae):					
Sod in ballast	Scotland	2			N. Y.
<i>Melanaspis aliena</i> (Newst.) (Coccidae):					
<i>Cattleya bowringiana</i> (orchid)	Guatemala			1	Calif.*
<i>Cattleya</i> sp.	Costa Rica			1	Calif.*
<i>Melanophora roratis</i> (L.) (Melanophoridae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			3	N. J.
<i>Melanophthalma sulfusca</i> (Sharp) (Lathridiidae):					
<i>Allium cepa</i> (onion)	Mexico			3	Tex.
<i>Chrysanthemum</i> sp.	do			1	Tex.
<i>Dasytirion</i> sp.	do	1			Tex.
<i>Lilium longiflorum</i> (Easter lily)	do			1	Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Pinus</i> sp. (pine)	do	1			Tex.
<i>Polianthes</i> sp.	do			1	Tex.
<i>Rorippa nasturtium-aquaticum</i> (water cress)	do	1			Tex.
<i>Tilandsia</i> sp.	do			1	Tex.
<i>Meraporus graminicola</i> Wlk. (Pteromalidae):					
Sod in ballast	Scotland	1			N. Y.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica	11			Calif.*
<i>Metazygonycha circumcincta</i> Horn (Chrysomelidae):					
Bamboo	Mexico	1			Ariz.
<i>Micrapate labialis</i> Lesne (Bostrichidae):					
<i>Baccharis</i> sp.	do	1			Tex.
<i>Sambucus</i> sp. (elder) (?)	do	1			Pa.
Wood	do	2			Tex.
<i>Microium ocoforme</i> Matth. (Orthoperidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.



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<i>Micromyzus formosanus</i> (Takah.) (Aphidae): <i>Allium cepa</i> (onion)	Azores		1		Pa.
<i>Milichchiella lacteipennis</i> (Loew) (Agromyzidae): Airplane	South Pacific		3		Hawaii.*
<i>Mimorista flavidissimalis</i> (Grt.) (Pyraustidae): <i>Opuntia</i> sp. (nopal)	Mexico	1			Tex.
<i>Minthea rugicollis</i> (Wlk.) (Lycetidae): <i>Furcraea humboldtiana</i> (brava)	Colombia	1			N. Y.
<i>Oryza sativa</i> (rice)	Soldier's mail	1			N. Y.
Wood	India, soldier's mail	6			La., N. Y.
<i>Monomorium destructor</i> (Jerd.) (Formicidae): <i>Schomburgkia</i> sp. (orchid)	Cayman Islands		1		N. J.
<i>Moodna bisinuella</i> Hamp. (Phycitidae): <i>Zea mays</i> (corn)	Mexico	13			Tex.
<i>Mordellistena cattlejana</i> Champ. (Mordellidae): <i>Cattleya</i> sp. (orchid)	Brazil, Colombia		2		Calif.,* N. J.
<i>Morganella longispina</i> (Morg.) (Coccidae): <i>Citrus grandis</i> (pummelo)	Tahiti		1		Calif.*
<i>Citrus sinensis</i> (orange)	Australia		1		Calif.*
<i>Myelobia smerintha</i> (Hbn.) (Galleriidae): Bamboo	Mexico	2			Tex.
<i>Myelois venipars</i> Dyar (Phycitidae): <i>Citrus sinensis</i> (orange)	do	1			Tex.
<i>Nabis dentipes</i> Harris (Nabidae): <i>Beta vulgaris</i> (beet)	do	1			Tex.
Orchid	do		1		Tex.
<i>Nabis lovatti</i> Harris (Nabidae): <i>Mathiola</i> sp.	do	1			Tex.
<i>Nabis roseipennis</i> Reuter (Nabidae): <i>Chrysanthemum</i> sp.	Canada	1			Wash.
<i>Nanus uniformis</i> Boh. (Curculionidae): <i>Ananas comosus</i> (pineapple)	Cuba	1			La.
<i>Nathalis iole</i> Bdv. (Pieridae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Neoclytus augusti</i> (Chevr.) (Cerambycidae): <i>Cyblastaz donnell-smithi</i> (primavera)	do	1			N. Y.
<i>Neoclytus cacicus</i> Chev. (Cerambycidae): <i>Cyblastaz donnell-smithi</i>	Guatemala	1			Calif.*
<i>Neodryocetes caribaeus</i> Blkm. (Scolytidae): <i>Hymenaea courbaril</i> (courbaril)	Trinidad		1		N. Y.
<i>Neofurius carvalhoi</i> Costa Lima (Miridae): <i>Cattleya</i> sp. (orchid)	Venezuela		1		N. J.
<i>Neoptychodes trilineatus abbrevitatus</i> (Casey) (Cerambycidae): <i>Merostachys racemiflora</i> (bamboo)	Mexico	1			Ariz.
<i>Nephotettix bipunctatus</i> (F.) (Cicadellidae): Bamboo	South Pacific	1			Wash.
<i>Oryza sativa</i> (rice)	India	1			Fla.*
<i>Notogramma stigma</i> (F.) (Otitidae): <i>Physalis</i> sp. (husk tomato)	Mexico	1			Tex.
<i>Notozus monodon</i> (F.) (Anthicidae): <i>Phaseolus</i> sp. (string bean)	do	2			Ariz.
<i>Physalis</i> sp. (husk tomato)	do	1			Tex.
<i>Nysius minutus</i> Uhl. (Lygaeidae): <i>Beta vulgaris</i> (beet)	do	4			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard)	do	4			Tex.
<i>Brassica rapa</i> (turnip)	do	20			Tex.
<i>Brassica</i> sp. (mustard)	do	16			Tex.
<i>Cucurbita maxima</i> (squash)	do	1			Tex.
<i>Portulaca oleracea</i> (purslane)	do	17			Tex.
<i>Raphanus sativus</i> (radish)	do	20			Tex.
<i>Salix</i> sp. (willow)	do	1			Tex.
<i>Nysius strigosus</i> Uhl. (Lygaeidae): <i>Chrysanthemum</i> sp.	do	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Oncideres rhodosticta</i> Bates (Cerambycidae): <i>Malus pumila</i> (apple)	do	1			Ariz.

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<i>Oplomus mundus</i> Stal (Pentatomidae):					
<i>Salix</i> sp. (willow)	Mexico	1			Tex.
<i>Opomyza germinationis</i> L. (Agromyzidae):					
Sod in ballast	Scotland	1			N. Y.
<i>Orydema fusiforme</i> Woll. (Curculionidae):					
Bamboo	South Pacific	1			Wash.
<i>Orydema longulum</i> (Boh.) (Curculionidae):					
Packing around plants	Hawaii			1	Calif. *
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Pachybrachius nigriceps</i> (Dallas) (Lygaeidae):					
Airplane	South Pacific		5		Hawaii, *
Box containing trinkets	Guam		1		Hawaii. *
<i>Pachyneuron allograptae</i> Ashm. (Pteromalidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Pantomorus xanthographus</i> Germ. (Curculionidae):					
Excelsior	Argentina	1			La.
<i>Paraleyrodes citricolus</i> Costa Lima (Aleyrodidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Guatemala	1			Tex.
<i>Paraleyrodes singularis</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i>	do	1			Tex.
<i>Pararhagadochir trinitatis</i> (Ss.) (Embiidae):					
<i>Calleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia</i> sp.	Soldier's mail			1	N. J.
<i>Parlatoria cinerea</i> Haddon (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Samoa		2		Calif. *
<i>Citrus paradisi</i> (grapefruit)	Mexico, Samoa		2		Calif. *
<i>Citrus sinensis</i> (orange)	Brazil, Mexico, South America	1	3		Ariz., Fla., * P. R.
<i>Parlatoria oleae</i> (Colvée) (Coccidae):					
<i>Prunus domestica</i> (plum)	Mexico	1			Tex.
<i>Rosa</i> sp.	Italy (?)			1	N. J.
<i>Parlatoria proteus</i> (Curt.) (Coccidae):					
<i>Dendrobium aggregatum</i> (orchid)	Ceylon			1	N. J.
<i>Dendrobium</i> sp.	Haiti (?)			1	N. J.
Palm	Trinidad		1		N. Y.
<i>Rhipsalis</i> sp. (cactus)	Guatemala			1	N. J.
<i>Parlatoria ziziphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i>	Hawaii		1		Calif. *
<i>Citrus sinensis</i> (orange)	Bermuda (?)		1		Fla. *
<i>Parthenothrips dracaenae</i> (Heeger) (Thripidae):					
<i>Cymbidium</i> sp. (orchid)	England			4	N. J.
<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Hibiscus</i> sp.	Hawaii			2	Calif. *
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton boll)	do	2			Calif., * Wash.
<i>Gossypium</i> sp. (cotton packing)	Egypt	1			Pa.
<i>Gossypium</i> sp. (cottonseed)	Antigua, Argentina, Cuba, Egypt, Hawaii, Mexico, soldier's mail, Virgin Islands	22	1	2	D. C., Minn., N. J., Ohio, Pa., P. R., Wash., Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico	4			Tex.
<i>Pelopia punctipennis</i> (Mg.) (Tendipedidae):					
<i>Chrysanthemum</i> sp.	do		2		Tex.
<i>Pemphigus auriculae</i> (Murray) (Aphididae):					
<i>Primula auricula</i>	England			1	N. J.
<i>Peregrinus maidis</i> (Ashm.) (Delphacidae):					
<i>Zea mays</i> (corn)	Hawaii		1		Wash.
<i>Peribalus limbolaris</i> Stal (Pentatomidae):					
<i>Zea mays</i>	Guatemala	1			Tex.
<i>Perigenes dispositus</i> Dist. (Lygaeidae):					
Orchid	do			1	Calif. *
<i>Phalantha intricata</i> Gorb. (Endomychidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.

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<i>Phelomerus aberrans</i> (Sharp) (Bruchidae):					
<i>Cassia moschata</i> .....	Canal Zone.....	-----	-----	1	Tex.
<i>Phelypera distigma</i> (Boh.) (Curculionidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1	-----	-----	Ariz.
<i>Phenacaspis pinifoliae</i> (Fitch) (Coccidae):					
<i>Pinus</i> sp. (pine).....	Canada.....	-----	1	-----	Wash.
<i>Phenacaspis sandwicensis</i> Fullaway (?) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii, South Pacific.....	11	-----	-----	Calif.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Chrysanthemum</i> sp.....	Mexico.....	1	-----	-----	Tex.
<i>Mentha</i> sp. (mint).....	do.....	1	-----	-----	Ariz.
<i>Pelargonium</i> sp. (geranium).....	do.....	1	-----	-----	Tex.
<i>Phyllophaga lanceolata</i> (Say) (Scarabaeidae):					
<i>Chrysanthemum</i> sp.....	do.....	1	-----	-----	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	-----	-----	Tex.
<i>Solanum tuberosum</i> (potato).....	do.....	1	-----	-----	Tex.
<i>Phyllotreta flevuosa</i> (Ill.) (Chrysomelidae):					
Moss packing.....	England.....	1	-----	-----	Wash.
<i>Phyllotreta pusilla</i> Horn (Chrysomelidae):					
<i>Brassica rapa</i> (turnip).....	Mexico.....	1	-----	-----	Tex.
<i>Brassica</i> sp. (mustard).....	do.....	2	-----	-----	Tex.
<i>Phymata fasciata georgiensis</i> Melin (Phymatidae):					
<i>Chrysanthemum</i> sp.....	do.....	1	-----	-----	Tex.
<i>Physonota attenuata</i> Boh. (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	-----	-----	Tex.
<i>Phytocoris laevis</i> (Uhler) (Miridae):					
Leafy vegetable.....	do.....	1	-----	-----	Tex.
<i>Pinnaspis buzi</i> (Bouche) (Coccidae):					
Orchid.....	South Pacific.....	-----	1	-----	Calif.*
Palm.....	Martinique.....	2	-----	-----	N. Y.
<i>Pinnaspis temporaria</i> Ferris (Coccidae):					
<i>Citrus aurantifolia</i> (lime).....	Panama.....	-----	1	-----	Calif.*
Tree bark.....	Canal Zone.....	-----	1	-----	N. J.
<i>Pintalia dorsivittata</i> (Van D.) (Fulgoridae):					
<i>Prunus domestica</i> (plum).....	Mexico.....	-----	1	-----	Tex.
<i>Pityophthorus cribratus</i> Blkm. (Scolytidae):					
Wooden brace.....	do.....	1	-----	-----	Ariz.
<i>Placosternus difficilis</i> (Chevr.) (Cerambycidae):					
<i>Allium cepa</i> (onion).....	do.....	1	-----	-----	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Capsicum frutescens</i> (pepper).....	do.....	1	-----	-----	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	6	-----	-----	Tex.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Allium cepa</i> (onion).....	do.....	-----	1	-----	Tex.
<i>Capsicum frutescens</i> (pepper).....	do.....	197	-----	-----	Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	3	-----	-----	Ariz.
<i>Solanum melongena</i> (eggplant).....	do.....	1	-----	-----	Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Cybtista donnell-smithi</i> (primavera).....	Guatemala.....	1	-----	-----	Calif.*
<i>Pleurophorus batesi</i> Arr. (Scarabaeidae):					
<i>Lactuca sativa</i> (lettuce).....	Mexico.....	-----	1	-----	Ariz.
<i>Portulaca oleracea</i> (purslane).....	do.....	1	-----	-----	Tex.
<i>Pnyzia scabiei</i> (Hopk.) (Fungivoridae):					
<i>Amaryllis</i> sp.....	do.....	-----	1	-----	Tex.
<i>Colocasia esculenta</i> (dasheen).....	Azores.....	1	-----	-----	Pa.
<i>Gladiolus</i> sp.....	Mexico.....	-----	2	-----	Tex.
<i>Lilium longiflorum</i> (Easter lily).....	do.....	-----	10	-----	Tex.
<i>Podisus acutissimus</i> Stal (Pentatomidae):					
<i>Phaseolus</i> sp. (string bean).....	do.....	1	-----	-----	Tex.
<i>Podisus maculiventris</i> (Say) (Pentatomidae):					
<i>Brassica rapa</i> (turnip).....	do.....	1	-----	-----	Tex.
<i>Poronotus constrictus</i> (Stal) (Anthracoridae):					
<i>Allium sativum</i> (garlic).....	Portugal.....	-----	1	-----	Pa.
Grass skirt.....	New Guinea (?), soldier's mail.....	2	-----	-----	Oreg., Wash.
<i>Lilium longiflorum</i> (Easter lily).....	Mexico.....	-----	1	-----	Tex.
<i>Zantedeschia</i> sp.....	do.....	-----	2	-----	Tex.



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<i>Poronotus sodalis</i> (B. White) (Anthecoridae): Grass skirt	Soldier's mail	1			Wash.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae): <i>Beta vulgaris cicla</i> (Swiss chard)	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Prostephanus truncatus</i> (Horn) (Bostrichidae): <i>Zea mays</i> (corn)	Guatemala			1	Tex.
<i>Protopulvinaria pyriformis</i> (Ckll.) (Coccidae): <i>Gardenia augusta</i> (Cape-jasmine)	Trinidad			1	N. Y.
<i>Protosphaerion insulare</i> (White) (Cerambycidae): <i>Amyris</i> sp.	Jamaica	1			N. Y.
<i>Pseudaonidia tesserata</i> (deCharm.) (Coccidae): <i>Gardenia augusta</i> (Cape-jasmine)	Canal Zone	1			Fla.*
<i>Hibiscus</i> sp.	Hawaii			1	Calif.*
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae): <i>Laurus nobilis</i> (Grecian laurel)	Trinidad	1			N. Y.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae): <i>Cattleya skinneri</i> (orchid)	Costa Rica, Guatemala			3	Calif.*, N. J.
<i>Laelia</i> sp. (orchid)	Mexico			1	Tex.
<i>Orchid</i>	Costa Rica, Salvador			3	Tex.
<i>Pseudischnaspis bowreyi</i> (Ckll.) (Coccidae): <i>Persea americana</i> (avocado)	Mexico			1	Tex.
<i>Rosa</i> sp.	Costa Rica			1	Calif.*
<i>Psila rosae</i> (F.) (Psilidae): <i>Daucus carota sativa</i> (carrot)	England			2	N. Y.
Soil around carrots	do.			2	N. Y.
<i>Psychoda alternata</i> Say (Psychodidae): <i>Beta vulgaris</i> (beet)	Mexico	1			Tex.
<i>Beta vulgaris cicla</i> (Swiss chard)	do.	1			Tex.
<i>Lactuca sativa</i> (lettuce)	do.	1			Tex.
<i>Orchid</i>	do.			1	Tex.
<i>Psychoda cinerea</i> Banks (Psychodidae): <i>Portulaca oleracea</i> (purslane)	do.	1			Tex.
<i>Psychoda severini</i> Tonn. (Psychodidae): <i>Portulaca oleracea</i> (purslane)	do.	1			Tex.
<i>Psylliodes chrysocephala</i> (L.) (Chrysomelidae): <i>Brassica rapa</i> (turnip)	England			1	Pa.
Soil around turnips	do.			1	Pa.
<i>Ptenidium fuscicorne</i> Er. (Ptiliidae): Sod in ballast	Scotland	1			N. Y.
<i>Ptinus hirtellus</i> Sturm (Ptinidae): Merchandise	Australia	1			Minn.
<i>Pulvinaria psidii</i> Mask. (Coccidae): <i>Gardenia augusta</i> (Cape-jasmine)	Cuba, Mexico, Puerto Rico	6			Fla., Tex.
<i>Renocis mexicanus</i> Blkm. (Scolytidae): Medicinal herb, wood	Mexico	3			Ariz., Tex.
<i>Reticulitermes virginicus</i> (Banks) (Termitidae): Airplane	Unknown			1	Md.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae): <i>Malus pumila</i> (apple)	Mexico	1			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (?) (Tephritidae): <i>Malus pumila</i> (apple)	do.	1			Tex.
<i>Rhagoletis striatella</i> Wulp (Tephritidae): <i>Physalis</i> sp. (husk tomato)	do.	15			Tex.
<i>Rhopalosiphoninus tulipaella</i> (Theob.) (Aphidae): <i>Tulipa</i> sp. (tulip)	Netherlands			1	N. Y.
<i>Rhopalosiphum rufomaculatum</i> (Wils.) (Aphidae): <i>Chrysanthemum</i> sp.	Canada, Mexico	1		1	N. Y., Tex.
<i>Rhopalosiphum splendens</i> (Theob.) (Aphidae): Sod in ballast	Scotland	2			N. Y.



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<i>Ribua innoxia</i> Hein. (Phycitidae): <i>Ananas comosus</i> (pineapple)	Cuba	1	1		La., Tex.
<i>Ripersia palmarum</i> Ehrh. (Coccidae): <i>Cocos nucifera</i> (coconut)	Admiralty Island, Hawaii, Solomon Islands.	2		2	Calif.*
<i>Scatella hawaiiensis</i> Grims. (Ephydriidae): Airplane	South Pacific		1		Hawaii.*
<i>Scatella sernotata</i> Cr. (Ephydriidae): Airplane	do		4		Hawaii.*
<i>Sclerodermus macrogaster</i> (Ashm.) (Bethyliidae): <i>Guajacum officinale</i> (lignumvitae)	Dominican Republic	1			N. Y.
<i>Scolopocerus uhleri</i> Dist. (Coreidae): Log	Mexico	1			Tex.
<i>Sepsis pectoralis</i> Mq. (Sepsidae): <i>Phaseolus</i> sp. (string bean)	do	1			Ariz.
<i>Serica brunnea</i> (L.) (Scarabaeidae): Sod in ballast	Scotland	2			N. Y.
<i>Setomorpha rutella</i> Zell. (Tineidae): <i>Dioscorea</i> sp. (yam)	Jamaica	1			N. Y.
<i>Gladiolus</i> sp.	Mexico		3		Tex.
<i>Lilium longiflorum</i> (Easter lily)	do		1		Tex.
<i>Siboria occatoria</i> (Say) (Cicadellidae): <i>Chrysanthemum</i> sp.	do	1			Tex.
<i>Silis marginella</i> Jac. Duv. (Cantharidae): <i>Coffea</i> sp. (coffee)	Cuba	1			N. Y.
<i>Sisamnes contractus</i> Dist. (Lygaeidae): <i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Sitona sulcifrons</i> (Thunb.) (Curculionidae): <i>Gossypium</i> sp. (cotton)	Soldier's mail	1			N. Y.
<i>Sizemodus luteiceps</i> Reut. (Miridae): Cactus	Mexico		1		Tex.
<i>Mammillaria</i> spp. (cactus)	do		11		Tex.
<i>Stenodontes downesi</i> Hope (Cerambycidae): <i>Khaya</i> sp.	Gold Coast	1			Pa.
<i>Stenoma anonella</i> Sepp. (Stenomidae): <i>Psidium guajava</i> (guava)	Mexico	1			Tex.
<i>Stenoma calenifer</i> Wlsm. (Stenomidae): <i>Persea americana</i> (avocado)	Mexico, Trinidad	1	1		N. Y., Tex.
<i>Stenotrupis marshalli</i> Zimmerman (Curculionidae): <i>Cocos nucifera</i> (coconut)	South Pacific	1			Calif.*
<i>Stephanoderes hampei</i> (Ferr.) (Scolytidae): <i>Coffea</i> sp. (coffee)	Nigeria	1			N. Y.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae): <i>Mangifera indica</i> (mango)	Hawaii	1		3	Calif.*
<i>Stethaulax marmoratus</i> (Say) (Scutelleridae): <i>Musa paradisica</i> (banana)	Mexico	1			Tex.
<i>Stirellus bicolor</i> (Van D.) (Cicadellidae): <i>Pseudobutylon lozani</i> (falseabutilon)	do	1			Tex.
<i>Stoeberhinus testaceus</i> Butler (Gelechiidae): Airplane	South Pacific		9		Hawaii.*
<i>Stolas tristigma</i> (Boh.) (Chrysomelidae): <i>Ananas comosus</i> (pineapple)	Mexico	2			Tex.
<i>Strophosoma melanogrammum</i> (Forst.) (Curculionidae): <i>Cistus</i> sp.	British Columbia		1		Wash.
<i>Rhododendron</i> sp.	do		1		Wash.
<i>Styringomyia didyma</i> Grim. (Tipulidae): Airplane	South Pacific		1		Hawaii.*
<i>Suilla limbata</i> (Thoms.) (Helomyzidae): Airplane	do		1		Hawaii.*
<i>Sylepta elevata</i> (F.) (Pyraustidae): <i>Ipomoea batatas</i> (sweetpotato)	Panama		3		N. Y.
<i>Tachardiella fulgens</i> (ekll.) (Coccidae): <i>Larrea</i> sp.	Mexico	1			Ariz.
<i>Tachyporus chrysomelinus</i> (L.) (Staphylinidae): <i>Daucus carota sativa</i> (carrot)	England		1		Tex.
Soll	Scotland	3			Ga., N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae): <i>Calluna vulgaris</i> (heather)	England, Scotland	3			Md.

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<i>Taeniothrips simplex</i> (Mor.) (Thripidae):	Mexico	1			Tex.
<i>Dianthus</i> sp. (carnation)	British Columbia, Canada, Mexico.	1		29	N. J., Tex., Wash.
<i>Gladiolus</i> sp.					
<i>Talponia batesi</i> Hein. (Olethreutidae):	Mexico	1			Tex.
<i>Annona cherimola</i> (cherimoya)					
<i>Targionia bromeliae</i> ("Newst." Leon.) (Coccidae):	do.	4			Ariz., Calif.,* Tex.
<i>Ananas comosus</i> (pineapple)					
<i>Targionia sacchari</i> (Ckll.) (Coccidae):	British Honduras, Cuba, Dominican Republic, Mexico.	2	3		Fla.,* Md.
<i>Saccharum officinarum</i> (sugarcane)					
<i>Tenthecoris bicolor</i> Seott (Miridae):					
<i>Cattleya</i> sp. (orchid)	Brazil, Venezuela			13	N. J.
<i>Tephrochlamys canescens</i> (Mg.) (Helomyzidae):					
Airplane	South Pacific		1		Hawaii*
<i>Tetraleurodes abnormis</i> (Q.) (Aleyrodidae):					
<i>Persea americana</i> (avocado)	Mexico	2		1	Tex.
<i>Tetraleurodes acaciae</i> (Q.) (Aleyrodidae):					
<i>Prosopis</i> sp. (mesquite)	do.	1			Ariz.
<i>Tetraleurodes mori</i> (Q.) (Aleyrodidae):					
<i>Citrus sinensis</i> (orange)	do.	1			Tex.
<i>Citrus</i> sp.	do.	1			Tex.
<i>Mentha</i> sp. (mint)	do.	1			Ariz.
<i>Rosa</i> sp.	do.	1			Tex.
<i>Tetraleurodes perileuca</i> (Ckll.) (Aleyrodidae):					
<i>Quercus</i> sp. (oak)	do.	1			Ariz.
<i>Tetraleurodes ursorum</i> (Ckll.) (Aleyrodidae):					
<i>Rosa</i> sp.	do.	2			Tex.
<i>Tetrapriocera longicornis</i> (Oliv.) (Bostriehidae):					
Wood	Cuba	2			N. Y., Tex.
<i>Texananus exultans</i> (Uhl.) (Cicadellidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Thaumaphrastus karanisensis</i> Blaisd. (Colydiidae):					
<i>Ipomoea batatas</i> (sweetpotato)	India		2		N. Y.
<i>Thecla bathildis</i> (Felder) (Lycaenidae):					
<i>Phaseolus</i> sp. (string bean)	Mexico	1			Ariz.
<i>Thyanta antiquensis</i> (Westw.) (Pentatomidae):					
<i>Lycopersicon esculentum</i> (tomato)	do.	1			Tex.
<i>Thyanta oustator</i> (F.) (Pentatomidae):					
Mixed vegetables	do.	1			Tex.
<i>Thyanta punctiventris</i> Van Duzee (Pentatomidae):					
<i>Celosia</i> sp. (cockleseed)	do.	2			Tex.
<i>Chrysanthemum</i> sp.	do.	1			Tex.
<i>Toxomerus geminatus</i> (Say) (Syrphidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do.	1			Tex.
<i>Medicago sativa</i> (alfalfa)	do.	1			Tex.
<i>Raphanus sativus</i> (radish)	do.	1			Tex.
<i>Spinacia oleracea</i> (spinach)	do.	1			Tex.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Zea mays</i> (corn)	do.	1			Ariz.
<i>Trachyphloeus bifoveolatus</i> Beek (Cureulionidae):					
<i>Lycopersicon esculentum</i> (tomato)	Canada		1		D. C.
<i>Trachyphloeus scabriculus</i> (L.) (Cureulionidae):					
<i>Agropyron repens</i> (quackgrass)	Scotland	1			N. Y.
<i>Trachytalis isabellina</i> Fowl. (Membracidae):					
Orchid	Mexico			1	Tex.
<i>Tetraleurodes vaporariorum</i> (Westw.) (Aleyrodidae):					
<i>Pelargonium</i> sp. (geranium)	do.			1	Tex.
<i>Persea americana</i> (avocado)	do.			1	Tex.
<i>Rhododendron</i> sp.	Canada			1	Wash.

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<i>Trichoplusia ni</i> (Hbn.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage) -----	Cuba, Mexico -----	1	1		Tex.
<i>Capsicum frutescens</i> (pepper) -----	Mexico -----	2			Ariz.
<i>Trigonotylus brevipes</i> Jakovlev (Miridae):					
Airplane -----	South Pacific -----		1		Hawaii.*
<i>Trigonotylus pulcher</i> Reuter (Miridae):					
Airplane -----	do -----		1		Hawaii.*
<i>Trochoideus aesjardinsi</i> Guer. (Endomychidae):					
Soil -----	Solomon Islands -----	1			Calif.*
<i>Trupanea actinobola</i> (Loew) (Tephritidae):					
<i>Prassica rapa</i> (turnip) -----	Mexico -----	1			Tex.
<i>Tychius inermis</i> Csy. (Curculionidae):					
<i>Chrysanthemum</i> sp -----	do -----	1			Tex.
Groceries -----	do -----	1			Tex.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Cynoches</i> sp. (orchid) -----	Venezuela -----		1		N. J.
<i>Mangifera indica</i> (mango) -----	Martinique -----		1		P. R.
<i>Oncidium</i> sp. (orchid) -----	Haiti -----		2		N. J.
Orchid -----	South Pacific -----		1		Calif.*
<i>Phalaenopsis</i> sp. (orchid) -----	Haiti -----		1		N. J.
<i>Voria ruralis</i> (Fall.) (Larvaevoridae):					
<i>Brassica oleracea capitata</i> (cabbage) -----	Mexico -----	1			Tex.
<i>Xanthaciura insecta</i> (Loew) (Tephritidae):					
Undetermined leaf -----	Cuba -----	1			Fla.*
<i>Xylion securifer</i> Lesne (Bostrichidae):					
<i>Khaya</i> sp. -----	Gold Coast -----	2			Md., Pa.
<i>Xylobiops parilis</i> Lesne (Bostrichidae):					
Bamboo -----	Mexico -----	2			Ariz.
<i>Phragmites communis</i> (?) -----	do -----	1			Ariz.
Wood -----	do -----	2			Ariz.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
<i>Prosopis</i> sp. (mesquite) -----	do -----		1		Tex.
<i>Pyrus communis</i> (pear) -----	do -----		1		Tex.
<i>Xylopertha crinitarsis</i> (Imh.) (Bostrichidae):					
<i>Khaya</i> sp. -----	Gold Coast -----	1			Pa.
<i>Xylopsocus castanoptera</i> (Fairm.) (Bostrichidae):					
Airplane -----	South Pacific -----		1		Hawaii.*
<i>Xylothrips religiosus</i> (Boisd.) (Bostrichidae):					
Airplane -----	do -----		1		Hawaii.*
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
Bean -----	Costa Rica, Mexico, Salvador -----	1		4	D. C., N. Y., Tex.
<i>Chrysanthemum</i> sp -----	Mexico -----	2			Tex.
Daisy -----	do -----	1			Tex.
Groceries -----	do -----	1			Tex.

## Hosts and insects

ACACIA:  
*Acanthoscelides dominicanus* (Coleoptera)

ACHRAS:  
*Anastrepha serpentina* (Diptera)  
*Asterolecanium pustulans* (Homoptera)  
*Cybosoma grande* (Coleoptera)

AGARICUS:  
*Dacne picta* (Coleoptera)

AGROPYRON:  
*Brachyrhinus oratus* (Coleoptera)  
*Trachyploeus scabriculus* (Coleoptera)

ALLIUM CEPA:  
*Melanophthalma subfusca* (Coleoptera)  
*Micromyzus formosanus* (Homoptera)  
*Placosternus difficilis* (Coleoptera)  
*Platynota stultana* (Lepidoptera)

ALLIUM SATIVUM:  
*Hypogaeocoris imperialis* (Hemiptera)  
*Poronotus constrictus* (Hemiptera)

AMARYLLIS:  
*Pnyxia scabiei* (Diptera)

AMYRIS:  
*Protosphaerion insulare* (Coleoptera)

ANANAS:  
*Alpheius conspirata* (Lepidoptera)  
*Blissus leucopterus* (Hemiptera)  
*Chaetopsis fulvifrons* (Diptera)  
*Conoderus pictus* (Coleoptera)  
*Endestes sculpturatus* (Coleoptera)  
*Galerucella marmorata* (Coleoptera)  
*Galgupha magna* (Hemiptera)  
*Glyphonryz praeceox* (Coleoptera)  
*Ligyrocoris litigiosus* (Hemiptera)  
*Lygaeus pulchellus* (Hemiptera)  
*Nanus uniformis* (Coleoptera)  
*Nathalis iole* (Lepidoptera)  
*Ozophora consanguineus* (Hemiptera)  
*Phalantha intricta* (Coleoptera)



## Hosts and insects—Continued

## ANANAS—Continued

- Phelypera distigma* (Coleoptera)  
*Ribua innoxia* (Lepidoptera)  
*Sisamnes contractus* (Hemiptera)  
*Stolas tristigma* (Coleoptera)  
*Targionia bromelinae* (Homoptera)

## ANNOA:

- Conchaspis angraei* (Homoptera)  
*Talponia batesi* (Lepidoptera)

## ANTIRRHINUM:

- Corimelaena incognita* (Hemiptera)  
*Listrus senilis* (Coleoptera)

## ARACHIS:

- Corcyra cephalonica* (Lepidoptera)

## ARUNDO:

- Amphicerus cornutus* (Coleoptera)

## ASTER:

- Campylomma verbasci* (Hemiptera)

## BACCHARIS:

- Micrapate labialis* (Coleoptera)

## BAMBOO:

- Amphicerus cornutus* (Coleoptera)  
*Asterolecanium bambusae* (Homoptera)  
*Bostrychopsis trimorpha* (Coleoptera)  
*Chlorophorus annularis* (Coleoptera)  
*Dinoderus brevis* (Coleoptera)  
*Dinoderus ocellaris* (Coleoptera)  
*Eucalandra setulosa* (Coleoptera)  
*Metazygonycha circumcincta* (Coleoptera)  
*Myelobia smerintha* (Lepidoptera)  
*Nephotettix bipunctatus* (Homoptera)  
*Orydema fusiforme* (Coleoptera)  
*Xylobiops parilis* (Coleoptera)

## BETA VULGARIS:

- Nabis dentipes* (Hemiptera)  
*Nysius minutus* (Hemiptera)  
*Psychoda alternata* (Diptera)

## BETA VULGARIS CICLA:

- Callosobruchus maculatus* (Coleoptera)  
*Cypselia bimaculata* (Diptera)  
*Draeculacephala soluta* (Homoptera)  
*Hymenia perspectalis* (Lepidoptera)  
*Nysius minutus* (Hemiptera)  
*Prodenia ornithogalli* (Lepidoptera)  
*Psychoda alternata* (Diptera)

## BRASSAVOLA. See Orchidaceae

## BRASSICA CHINENSIS:

- Lygus oblineatus* (Hemiptera)

## BRASSICA JUNCEA:

- Hellula undalis* (Lepidoptera)

## BRASSICA NAPOBRASSICA:

- Ceutorhynchus pleurostigma* (Coleoptera)

## BRASSICA OLERACEA BOTRYTIS:

- Aphodius distinctus* (Coleoptera)

## BRASSICA OLERACEA CAPITATA:

- Evergestis rimosalis* (Lepidoptera)  
*Farathra brassicae* (Lepidoptera)  
*Evergestis rimosalis* (Lepidoptera)  
*Hellula undalis* (Lepidoptera)  
*Loxostege similis* (Lepidoptera)  
*Toxomerus geminatus* (Diptera)  
*Trichoplusia ni* (Lepidoptera)  
*Voria ruralis* (Diptera)

## BRASSICA RAPA:

- Paris lepidii* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Ceutorhynchus pleurostigma* (Coleoptera)  
*Epilachna varivestis* (Coleoptera)  
*Hellula undalis* (Lepidoptera)  
*Lygus elisus* (Hemiptera)  
*Nysius minutus* (Hemiptera)  
*Phyllotreta pusilla* (Coleoptera)  
*Podisus maculiventris* (Hemiptera)  
*Psylliodes chrysocephala* (Coleoptera)  
*Trupanea actinobola* (Diptera)

## BRASSICA SP. (mustard):

- Epilachna varivestis* (Coleoptera)  
*Hellula undalis* (Lepidoptera)  
*Liorhyssus hyalinus* (Hemiptera)  
*Lygus oblineatus* (Hemiptera)  
*Nysius minutus* (Hemiptera)  
*Phyllotreta pusilla* (Coleoptera)

## BUMELIA:

- Chrysomphalus personatus* (Homoptera)

## CACTACEAE:

- Aspidiotus coursetiae* (Homoptera)  
*Eriococcus coccineus* (Homoptera)  
*Cerataekeria mutilaria* (Coleoptera)  
*Lepidosaphes philococcus* (Homoptera)  
*Mimorista flavidissimalis* (Lepidoptera)  
*Sixconotus luteiceps* (Hemiptera)

## CAESALPINIA:

- Acanthoscelides dominicanus* (Coleoptera)  
*Caryedon fuscus* (Coleoptera)  
*Dinoderus bifoveolatus* (Coleoptera)  
*Eucnecerus authrenoides* (Coleoptera)

## CAJANUS:

- Acanthoscelides armitagei* (Coleoptera)  
*Callosobruchus chinensis* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Callosobruchus phaseoli* (Coleoptera)

## CALLUNA:

- Taeniothrips ericae* (Thysanoptera)

## CALOPOGONIUM:

- Conoderus browni* (Coleoptera)  
*Exptochiomeria minima* (Hemiptera)

## CAMELLIA:

- Parlatoria camelliae* (Homoptera)

## CAPSICUM:

- Amorbia emigratella* (Lepidoptera)  
*Arvelius albopunctatus* (Hemiptera)  
*Conotrachelus seniculus* (Coleoptera)  
*Epitrix fasciata* (Coleoptera)  
*Estigmene acrea* (Lepidoptera)  
*Gnorimoschema gudmammella* (Lepidoptera)  
*Hermetia illucens* (Diptera)  
*Platynota rostrana* (Lepidoptera)  
*Platynota stultana* (Lepidoptera)  
*Trichoplusia ni* (Lepidoptera)

## CARICA:

- Aonidiella comperei* (Homoptera)

## CARUM:

- Lariophagus distinguendus* (Hymenoptera)

## CASIMIROA:

- Anastrepha ludens* (Diptera)

## CASSIA:

- Phelomerus aberrans* (Coleoptera)

## CASTANEA:

- Laspeyresia splendana* (Lepidoptera)

## CATTLEA. See Orchidaceae

## CELOSIA:

- Thyanta punctiventris* (Hemiptera)

## CEREUS. See Cactaceae

## CHALCAS:

- Aspidiotus palmae* (Homoptera)

## CHENOPODIUM:

- Loxostege helvialis* (Lepidoptera)

## CHRYSANTHEMUM:

- Chaetopsis fulvifrons* (Diptera)  
*Clastoptera zanthocephala unicolor* (Homoptera)  
*Epicaula rileyi* (Coleoptera)  
*Glyptina nivalis* (Coleoptera)  
*Hypselnotus fulvus punctiventris* (Hemiptera)  
*Liorhyssus hyalinus* (Hemiptera)  
*Loxostege similis* (Lepidoptera)  
*Lygacus vittiscutis* (Hemiptera)  
*Lygus apicalis* (Hemiptera)  
*Macroctophoniella sanborni* (Homoptera)  
*Melanophthalma subfusca* (Coleoptera)  
*Nabis roseipennis* (Hemiptera)  
*Nysius strigosus* (Hemiptera)  
*Pachyneuron allograptae* (Hymenoptera)  
*Pelopia punctipennis* (Diptera)  
*Phenacoccus gossypii* (Homoptera)  
*Phyllophaga lanceolata* (Coleoptera)  
*Phymata fasciata georgiensis* (Hemiptera)  
*Rhopalosiphum rufomaculatum* (Homoptera)  
*Siboria oculatoria* (Homoptera)  
*Thyanta punctiventris* (Hemiptera)  
*Tychius inermis* (Coleoptera)  
*Zabrotes subfasciatus* (Coleoptera)

## CHRYSOPHYLLUM:

- Anastrepha serpentina* (Diptera)

## CICER:

- Callosobruchus maculatus* (Coleoptera)

## CISTUS:

- Strophosoma melanogrammum* (Coleoptera)

## Hosts and insects—Continued

## CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Chrysomphalus scutiformis* (Homoptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria ziziphus* (Homoptera)
- Pinnaspis temporaria* (Homoptera)

## CITRUS AURANTIUM:

- Anastrepha ludens* (Diptera)

## CITRUS GRANDIS:

- Morganella longispina* (Homoptera)

## CITRUS LIMON:

- Leucaspis cockerelli* (Homoptera)

## CITRUS NOBILIS UNSHIU:

- Chionaspis citri* (Homoptera)

## CITRUS PARADISI:

- Anastrepha fraterculus* (?) (Diptera)
- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Chionaspis citri* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Fulvius albomaculatus* (Hemiptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)

## CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Aspidiotus palmae* (Homoptera)
- Ceratitis capitata* (Diptera)
- Chionaspis citri* (Homoptera)
- Chrysomphalus personatus* (Homoptera)
- Corcyra cephalonica* (Lepidoptera)
- Morganella longispina* (Homoptera)
- Myelois venipera* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria ziziphus* (Homoptera)
- Tetraleurodes mori* (Homoptera)

## CITRUS SP.:

- Aleurothrixus howardi* (Homoptera)
  - Coccus viridis* (Homoptera)
  - Dialeurodes citrifolii* (Homoptera)
  - Tetraleurodes mori* (Homoptera)
- COCOS:
- Aleurocanthus cocois* (?) (Homoptera)
  - Aonidiella inornata* (Homoptera)
  - Aspidiotus destructor* (Homoptera)
  - Aspidiotus palmae* (Homoptera)
  - Aspidiotus spinosus* (Homoptera)
  - Brontispa froggatti* (Coleoptera)
  - Diocalandra taitensis* (Coleoptera)
  - Furcaspis oceanica* (Homoptera)
  - Iridomyrmex humilis* (Hymenoptera)
  - Leucaspis cockerelli* (Homoptera)
  - Phenacaspis sandwicensis* (?) (Homoptera)
  - Ripersia palmarum* (Homoptera)
  - Stenotrupis marshalli* (Coleoptera)

## COELOGYNE. See Orchidaceae

## COFFEA:

- Aonidiella eremocitri* (Homoptera)
- Coccus viridis* (Homoptera)
- Silis marginella* (Coleoptera)
- Stephanoderes hampei* (Coleoptera)

## COLOCASIA:

- Pnyxia scabiei* (Diptera)

## CORIANDRUM:

- Empoasca abrupta* (Homoptera)

## CRATAEGUS:

- Anthrenus sylvestris* (Hemiptera)
- Grapholitha packardii* (Lepidoptera)

## CROCUS:

- Coproporus pulchellus* (Coleoptera)

## CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Diaphania nitidalis* (Lepidoptera)
- Loxostege helialis* (Lepidoptera)

## CUCURBITA:

- Dacus cucurbitae* (?) (Diptera)
- Diaphania hyalinata* (Lepidoptera)
- Diaphania nitidalis* (Lepidoptera)
- Eumecosomyia nuda* (Diptera)
- Nysius minutus* (Hemiptera)

## CYBISTAX:

- Neoclytus augusti* (Coleoptera)
- Neoclytus cacticus* (Coleoptera)
- Platypus rugulosus* (Coleoptera)

## CYDONIA:

- Anastrepha ludens* (Diptera)

## CYMBIDIUM. See Orchidaceae

## CYNOCHES. See Orchidaceae

## DAHLIA:

- Hofmannophila pseudospretella* (Lepidoptera)

## DAISY:

- Zabrotes subfasciatus* (Coleoptera)

## DASYLIRION:

- Melanophthalma subfusca* (Coleoptera)

## DAUCUS:

- Agromyza virens* (Diptera)
- Listronotus oregonensis* (Coleoptera)
- Psila rosae* (Diptera)
- Tachyporus chrysomelinus* (Coleoptera)

## DIANTHUS:

- Amorbia emigratella* (Lepidoptera)
- Anacetrinus deplanatus* (Coleoptera)
- Macroductylus mexicanus* (Coleoptera)
- Taeniothrips simplex* (Thysanoptera)

## DIOSCOREA:

- Setomorpha rutella* (Lepidoptera)

## EPIDENDRUM. See Orchidaceae

## EUCALYPTUS:

- Eriococcus serratilobis prominens* (Homoptera)

## EUGENIA:

- Amorbia emigratella* (Lepidoptera)

## FICUS:

- Asterolecanium pustulans* (Homoptera)

## FRAGARIA:

- Calligrapha elegans* (Coleoptera)

## FRAXINUS:

- Leperisinus frazini* (Coleoptera)

## FURCRAEA:

- Postrychopsis trimorpha* (Coleoptera)
- Minthea rugicollis* (Coleoptera)

## GARDENIA:

- Aleurothrixus myrtacei* (Homoptera)
- Ceroplastes floridensis* (Homoptera)
- Coccus mangiferae* (Homoptera)
- Coccus viridis* (Homoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Paraleyrodes citricolus* (Homoptera)
- Paraleyrodes singularis* (Homoptera)
- Protopulvinaria pyriformis* (Homoptera)
- Pseudoaonidia tessellata* (Homoptera)
- Pulvinaria psidii* (Homoptera)

## GLADIOLUS:

- Frankliniella tritici* (Thysanoptera)
- Listrus senilis* (Coleoptera)
- Lophocateres pusillus* (Coleoptera)
- Macrosiphum granarium* (Homoptera)
- Pnyxia scabiei* (Diptera)
- Setomorpha rutella* (Lepidoptera)
- Taeniothrips simplex* (Thysanoptera)

## GONGORA. See Orchidaceae

## GOSSYPIMUM:

- Aethus indicus* (Hemiptera)
- Amorbia emigratella* (Lepidoptera)
- Carnaecephala flaviceps* (Homoptera)
- Chariessa vestita* (Coleoptera)
- Corcyra cephalonica* (Lepidoptera)
- Pectinophora gossypiella* (Lepidoptera)
- Sitona sulcifrons* (Coleoptera)

## GUAJACUM:

- Cleozona pulchra* (Coleoptera)
- Cryptotermes cavifrons* (Isoptera)
- Sclerodermus macrogaster* (Hymenoptera)

## HIBISCUS:

- Crocidosoma plebeiana* (Lepidoptera)
- Pealius hibisci* (Homoptera)
- Pseudoaonidia tessellata* (Homoptera)

## HYMENAEA:

- Neodryocetes caribaeus* (Coleoptera)

## ILEX:

- Epitrix subcinita* (Coleoptera)

## IPOMOEA:

- Cylas femoralis* (Coleoptera)
- Cylas formicarius* (Coleoptera)
- Cylas formicarius elegantulus* (Coleoptera)

## Hosts and insects—Continued

## IPOMOEAE—Continued

- Cylas puncticollis* (Coleoptera)
- Euscepes postfasciatus* (Coleoptera)
- Lophocateres pusillus* (Coleoptera)
- Sylepta eleuta* (Lepidoptera)
- Thaumaphrastus karansensis* (Coleoptera)

## JUNIPERUS:

- Lepidosaphes juniperi* (Homoptera)

## KILIA:

- Cordylomera spinicornis* (Coleoptera)
- Fulvius oxyarenoides* (Hemiptera)
- Stenodontes downsi* (Coleoptera)
- Xylion securifer* (Coleoptera)
- Xylopertha crinitarsis* (Coleoptera)

## LACTUCA:

- Aceratagallia uhleri* (Homoptera)
- Agrotis ypsilon* (Lepidoptera)
- Cyrtopeltis varians* (Hemiptera)
- Draeculacephala soluta* (Homoptera)
- Empoasca abrupta* (Homoptera)
- Liorhyssus hyalinus* (Hemiptera)
- Lygus oblineatus* (Hemiptera)
- Macrodictylus mexicanus* (Coleoptera)
- Pleurophorus batesi* (Coleoptera)
- Psychoda alternata* (Diptera)

## LAELIA. See Orchidaceae

## LARREA:

- Tachardiella fulgens* (Homoptera)

## LAURUS:

- Parypeltis pellucidus* (Coleoptera)
- Pseudonidia trilobitiformis* (Homoptera)

## LAVANDULA:

- Frankliniella moultoni* (Thysanoptera)

## LEMAIREOCEREUS. See Cactaceae

## LILIUM:

- Aceratagallia robusta* (Homoptera)
- Aphis medicaginis* (Homoptera)
- Coproporus pulchellus* (Coleoptera)
- Empoasca abrupta* (Homoptera)
- Evalljapyx dolichodidus* (Thysanura)
- Forcipomyia raleighi* (Diptera)
- Liothrips vaneeckei* (Thysanoptera)
- Macrosiphum lilii* (Homoptera)
- Melanophthalma subfusca* (Coleoptera)
- Phyza scabiei* (Diptera)
- Poronotus constrictus* (Hemiptera)
- Scotomorpha rutella* (Lepidoptera)

## LINARIA:

- Gymnaetron antirrhini* (Coleoptera)

## LITCHEI:

- Lepidosaphes punicea* (Homoptera)

## LITHRAEA:

- Pruchus elegans* (Coleoptera)

## LONCHOCARPUS:

- Megacyllene boliviana* (Coleoptera)

## LYCOPERSTON:

- Aceratagallia curta* (Homoptera)
- Amorbia emigratella* (Lepidoptera)
- Ceratitis capitata* (Diptera)
- Chilo loftini* (Lepidoptera)
- Dacus cucurbitae* (Diptera)
- Dysdercus minutus* (Hemiptera)
- Epilrix fasciata* (Coleoptera)
- Gnorimoschema gudmannella* (Lepidoptera)
- Hypogaeocoris imperialis* (Hemiptera)
- Leucinodes elegantalis* (Lepidoptera)
- Lineodes integra* (Lepidoptera)
- Liorhyssus hyalinus* (Hemiptera)
- Liriomyza pusilla* (Diptera)
- Lycostomus sanguineus* (Coleoptera)
- Lygaeus vittiscutis* (Hemiptera)
- Melanophthalma subfusca* (Coleoptera)
- Microgum oviforme* (Coleoptera)
- Nysius strigosus* (Hemiptera)
- Ozophora consanguineus* (Hemiptera)
- Phyllaphaga lanceolata* (Coleoptera)
- Physonota attenuata* (Coleoptera)
- Platynota rostrana* (Lepidoptera)
- Platynota stultana* (Lepidoptera)
- Prodenia ornithogalli* (Lepidoptera)
- Texananus exultans* (Homoptera)
- Thyanta antiquensis* (Hemiptera)
- Trachyploeus bifoveolatus* (Coleoptera)

## MALUS:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Oncideres rhodosticta* (Coleoptera)
- Phagoletis pomonella* (Diptera)

## MAMMIA:

- Anastrepha serpentina* (Diptera)

## MAMMILLARIA. See Cactaceae

## MANGIFERA:

- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraecoptans* (Diptera)
- Asterolecanium pustulans* (Homoptera)
- Ceratitis capitata* (Diptera)
- Coccus mangiferae* (Homoptera)
- Sternonchetus mangiferae* (Coleoptera)
- Vinsonia stellifera* (Homoptera)

## MANIHOT:

- Lepidosaphes alba* (Homoptera)

## MATHIOLA:

- Nabis loretti* (Hemiptera)

## MEDICAGO:

- Colias eurytheme* (Lepidoptera)
- Liorhyssus hyalinus* (Hemiptera)
- Tozomerus geminatus* (Diptera)

## MENTHA:

- Phenacoccus gossypii* (Homoptera)
- Tetraleurodes mori* (Homoptera)

## MEROSTACHYS:

- Amphicercus cornutus* (Coleoptera)
- Neotyphlocyba trilineatus abbreviatus* (Coleoptera)

## MILTONIA. See Orchidaceae

## MUSA:

- Aspidiotus destructor* (Homoptera)
- Aspidiotus palmarum* (Homoptera)
- Chorizagrotis auxiliaris* (Lepidoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Forficula auricularia* (Dermaptera)
- Ilionea cacti* (Coleoptera)
- Metamasius scirreus* (Coleoptera)
- Sethaulax marmoratus* (Hemiptera)

## MYRTILLOCACTUS. See Cactaceae

## NERIUM:

- Aphis nerii* (Homoptera)
- Liothrips pondeyi* (Thysanoptera)

## ODONTOGLOSSUM. See Orchidaceae

## ONCIDIUM. See Orchidaceae

## OPUNTIA. See Cactaceae

## ORCHIDACEAE:

- Anaphothrips orchidaceus* (Thysanoptera)
- Anaphothrips orchidii* (Thysanoptera)
- Aspidiotus destructor* (Homoptera)
- Aspidiotus (Hemiberlesia) mendax* (Homoptera)
- Asterolecanium epidendri* (Homoptera)
- Chrysomphalus (Melanaspis) tenax* (Homoptera)
- Chrysomphalus umboniferus* (Homoptera)
- Cigeneis delineata* (Hemiptera)
- Coccus pseudococcipidum* (Homoptera)
- Coproporus pulchellus* (Coleoptera)
- Crophilus costatus* (Hemiptera)
- Cryphula apicatus* (Hemiptera)
- Diorymerellus lactimargo* (Coleoptera)
- Draeculacephala portola* (Homoptera)
- Eurygaster vestitus* (Hemiptera)
- Eurytoma orchidearum* (Hymenoptera)
- Erpochiomeria minima* (Hemiptera)
- Frankliniella minuta* (Thysanoptera)
- Frankliniella schultzei* (Thysanoptera)
- Fulbion anthocorides* (Hemiptera)
- Furcuspis bifornis* (Homoptera)
- Hofmannophila pseudospretella* (Lepidoptera)
- Iridomyrmex iniquus* (Hymenoptera)
- Iridomyrmex iniquus nigella* (Hymenoptera)
- Lepidosaphes tuberculata* (Homoptera)
- Ligyrocoris litigious* (Hemiptera)
- Liothrips cerealeum* (Thysanoptera)
- Liodema kirochi* (Coleoptera)
- Megapenthes cinnamonus* (Coleoptera)
- Melanaspis aliena* (Homoptera)
- Melanophora roralis* (Diptera)
- Monomorium destructor* (Hymenoptera)
- Mordellistena cotilegana* (Coleoptera)
- Nabis dentipes* (Hemiptera)
- Neofurax carvalhoi* (Hemiptera)
- Parahagadochir trinitatis* (Orthoptera)



## Hosts and insects—Continued

## ORCHIDACEAE—Continued

- Parlatoria proteus* (Homoptera)  
*Parthenothrips dracaenae* (Thysanoptera)  
*Perigenes dispositus* (Hemiptera)  
*Pinnaspis buzi* (Homoptera)  
*Pseudischinaspis alienus* (Homoptera)  
*Psychoda alternata* (Diptera)  
*Tenthetorix bicolor* (Hemiptera)  
*Trachytalis isabellina* (Homoptera)  
*Vinsonia stellifera* (Homoptera)

## ORYZA:

- Cartodere ruficollis* (Coleoptera)  
*Chilo simplex* (?) (Lepidoptera)  
*Corcyra cephalonica* (Lepidoptera)  
*Dinoderus bifoveolatus* (Coleoptera)  
*Heterobostrychus aequalis* (Coleoptera)  
*Lophocateres pusillus* (Coleoptera)  
*Minthea rugicollis* (Coleoptera)  
*Nephotettix bipunctatus* (Homoptera)

## PALM:

- Aleurotrachelus atratus* (Homoptera)  
*Aspidiotus palmarum* (Homoptera)  
*Chrysomphalus personatus* (Homoptera)  
*Eucalymnatus tessellatus* (Homoptera)  
*Furcaspis oceanica* (Homoptera)  
*Hermetia illucens* (Diptera)  
*Hermetia pennicornis* (Diptera)  
*Parlatoria proteus* (Homoptera)  
*Pinnaspis buzi* (Homoptera)

## PELAGONIUM:

- Phenacoccus gossypii* (Homoptera)  
*Trialeurodes vaporariorum* (Homoptera)

## PERESKIOPSIS. See Cactaceae

## PERSEA:

- Aleuroglanulus emmae* (Homoptera)  
*Anastrepha ludens* (Diptera)  
*Aspidiotus destructor* (Homoptera)  
*Aspidiotus spinosus* (Homoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Caulophilus latissimus* (Coleoptera)  
*Chrysomphalus albopictus* (Homoptera)  
*Conotrachelus aguacatae* (Coleoptera)  
*Conotrachelus persea* (Coleoptera)  
*Corcyra cephalonica* (Lepidoptera)  
*Pseudischinaspis boureyi* (Homoptera)  
*Stenomoma calanifer* (Lepidoptera)  
*Tetraleurodes obnormis* (Homoptera)  
*Trialeurodes vaporariorum* (Homoptera)

## PHASEOLUS:

- Agromyza virens* (Diptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Dacus cucurbitae* (Diptera)  
*Epinotia opposita* (Lepidoptera)  
*Eteses comyntas* (Lepidoptera)  
*Maruca testulalis* (Lepidoptera)  
*Notozus monodon* (Coleoptera)  
*Podisus acutissimus* (Hemiptera)  
*Sepsis pectoralis* (Diptera)  
*Thecla bathildis* (Lepidoptera)

## PHRAGMITES:

- Xylobiops parilis* (Coleoptera)

## PHYSALIS:

- Cypselia bimaculata* (Diptera)  
*Epitrix cucumeris* (Coleoptera)  
*Heliothis subflexa* (Lepidoptera)  
*Notogramma stigma* (Diptera)  
*Notozus monodon* (Coleoptera)  
*Rhagoletis striatella* (Diptera)

## PINUS:

- Melanophthalma subfusca* (Coleoptera)  
*Phenacaspis pinifoliae* (Homoptera)

## PISUM:

- Callosobruchus analis* (Coleoptera)  
*Callosobruchus maculatus* (Coleoptera)  
*Catorama tabaci* (Coleoptera)  
*Elasmopalpus lignosellus* (Lepidoptera)

## POLIANTHES:

- Frankliniella brattleyi* (Thysanoptera)  
*Melanophthalma subfusca* (Coleoptera)

## PORTULACA:

- Celerio lineata* (Lepidoptera)  
*Heliothis bella* (Lepidoptera)  
*Ligyrocoris aurivilliana* (Hemiptera)  
*Lorostege similatis* (Lepidoptera)  
*Nysius minutus* (Hemiptera)

## PORTULACA—Continued

- Pleurophorus batesi* (Coleoptera)  
*Psychoda cinerea* (Diptera)  
*Psychoda severini* (Diptera)

## PRIMULA:

- Pemphigus auriculae* (Homoptera)

## PROSOPIS:

- Acanthoscelides prosopis* (Coleoptera)  
*Acanthoscelides protractus* (Coleoptera)  
*Colecerus marmoratus* (Coleoptera)  
*Laspeyresia membraea* (Lepidoptera)  
*Tetraleurodes acaciae* (Homoptera)  
*Xylobiops tezanus* (Coleoptera)

## PRUNUS DOMESTICA:

- Parlatoria oleae* (Homoptera)  
*Pintalia dorsivittata* (Homoptera)

## PRUNUS PERSICA:

- Anastrepha ludens* (Diptera)  
*Glyphonox praecox* (Coleoptera)

## PSEUDABUTILON:

- Brachycoryna pumila* (Coleoptera)  
*Dysdercus mimulus* (Hemiptera)  
*Stirellus bicolor* (Homoptera)

## PSIDIUM:

- Anastrepha mombinpraeoptans* (Diptera)  
*Anastrepha suspensa* (?) (Diptera)  
*Stenomoma anorella* (Lepidoptera)

## PUNICA:

- Anastrepha ludens* (Diptera)

## PYRUS:

- Anastrepha ludens* (Diptera)  
*Carcinops quatuordecimstriata* (Coleoptera)  
*Xylobiops tezanus* (Coleoptera)

## QUERCUS:

- Callirhytis sonora* (Hymenoptera)  
*Conotrachelus integer* (Coleoptera)  
*Curculio q-griseae* (Coleoptera)  
*Decatomia foliatae arizonica* (Hymenoptera)  
*Laspeyresia splendana* (Lepidoptera)  
*Lilargus connexus* (Coleoptera)  
*Tetraleurodes perileuca* (Homoptera)

## RAPHAANUS:

- Drasterius litens* (Coleoptera)  
*Lygus hesperus* (Hemiptera)  
*Nysius minutus* (Hemiptera)  
*Tacomera geminatus* (Diptera)

## RAPHA:

- Corynetes analis* (Coleoptera)

## RHIPSALIS:

- Parlatoria proteus* (Homoptera)

## RHODODENDRON:

- Barrypeithes pellucidus* (Coleoptera)  
*Dilopius marginatus* (Coleoptera)  
*Dialeurodes chittendeni* (?) (Homoptera)  
*Gracilaria azaleella* (Lepidoptera)  
*Gracilaria syringella* (Lepidoptera)  
*Hofmannophila pseudospretella* (Lepidoptera)  
*Strophosoma melanogrammum* (Coleoptera)  
*Trialeurodes vaporariorum* (Homoptera)

## RINCINUS:

- Catorama tabaci* (Coleoptera)

## RORIPPA:

- Melanophthalma subfusca* (Coleoptera)

## ROSA:

- Aspidiotus destructor* (Homoptera)  
*Frankliniella cephalica* (Thysanoptera)  
*Frankliniella difficilis* (Thysanoptera)  
*Frankliniella insularis* (Thysanoptera)  
*Parlatoria oleae* (Homoptera)  
*Pseudischinaspis boureyi* (Homoptera)  
*Tetraleurodes mori* (Homoptera)  
*Tetraleurodes ursorum* (Homoptera)

## SACCHARUM:

- Chaetopsis fulvifrons* (Diptera)  
*Diatraea saccharalis* (Lepidoptera)  
*Gnornimoschema guimannella* (Lepidoptera)  
*Lygeus ciliatus* (Hemiptera)  
*Targionia sacchari* (Homoptera)

## SALIX:

- Dorytomus luridus* (Coleoptera)  
*Nysius minutus* (Hemiptera)  
*Opilomus mundus* (Hemiptera)

## SAMBUCUS:

- Micrapate latialis* (Coleoptera)



*Hosts and insects—Continued*

- SAPINDUS:**  
*Leptostylus gibbulosus* (Coleoptera)
- SAPOTE:**  
*Anastrepha ludens* (Diptera)
- SARACA:**  
*Dercynus micronyx* (Coleoptera)
- SAXIFRAGA:**  
*Brachyrhinus sulcatus* (Coleoptera)
- SCHOMBURGKIA:** See Orchidaceae
- SECALE:**  
*Bruchus guttalis* (Coleoptera)
- SERJANIA:**  
*Dinoderus bifoveolatus* (Coleoptera)
- SMILAX:**  
*Amphicerus cornutus* (Coleoptera)
- SOBRALIA:** See Orchidaceae
- SOIL:**  
*Amblyteles armatorius* (Hymenoptera)  
*Amphidasis cognataria* (Lepidoptera)  
*Aphodius depressus* (Coleoptera)  
*Aptinotrips rufus* (Thysanoptera)  
*Barypcthes pellucidus* (Coleoptera)  
*Brachyrhinus ovalis* (Coleoptera)  
*Brachyrhinus singularis* (Coleoptera)  
*Chirotrips manicatus* (Thysanoptera)  
*Coreyra cephalonica* (Lepidoptera)  
*Hofmannophila pseudospretella* (Lepidoptera)  
*Ludius cupreus* (Coleoptera)  
*Ludius sjelandicus* (Coleoptera)  
*Magasternum boletophagum* (Coleoptera)  
*Meaporus graminicola* (Hymenoptera)  
*Opomyza germinationis* (Diptera)  
*Psila rosae* (Diptera)  
*Psylliodes chryscephala* (Coleoptera)  
*Ptenidium fuscicornis* (Coleoptera)  
*Rhopalosiphum splendens* (Homoptera)  
*Serica brunnea* (Coleoptera)  
*Tachyporus chrysoelinus* (Coleoptera)  
*Trochoideus desjardinsi* (Coleoptera)
- SOLANUM:**  
*Conotrachelus seniculus* (Coleoptera)  
*Desmometopa m-nigrum* (Diptera)  
*Epicaerus cognatus* (Coleoptera)  
*Phyllophaga lanceolata* (Coleoptera)  
*Platynota stultana* (Lepidoptera)
- SORGHUM:**  
*Diatraea saccharalis* (Lepidoptera)  
*Liriophagus distinguendus* (Hymenoptera)
- SPINACIA:**  
*Conotrachelus seniculus* (Coleoptera)  
*Empoasca thela* (Homoptera)  
*Toxomerus geminatus* (Diptera)
- SPONDIAS:**  
*Aspidiotus herculeanus* (Homoptera)  
*Pulvinaria psidii* (Homoptera)
- STENOLOBIUM:**  
*Clydanopteron tecomae* (Lepidoptera)
- SWIETENIA:**  
*Brentus anchorago* (Coleoptera)
- SYNTHYRIS:**  
*Aleyrodes spiraeoides* (Homoptera)
- SYRINGA:**  
*Frankliniella tritici* (Thysanoptera)  
*Haplothrips niger* (Thysanoptera)
- TIGRIDIA:**  
*Bolbthrrips atectus* (Thysanoptera)
- TILLANDSIA:**  
*Melanophthalma subfusca* (Coleoptera)
- TRITICUM:**  
*Bruchus guttalis* (Coleoptera)  
*Draeculacephala lenticula* (Homoptera)  
*Forficula auricularia* (Dermaptera)  
*Liriophagus distinguendus* (Hymenoptera)
- TULIPA:**  
*Rhopalosiphoninus tulipae* (Homoptera)
- TYPIA:**  
*Chaetopsis debilis* (Diptera)
- ULMUS:**  
*Clytus arietis* (Coleoptera)
- VANILIA:** See Orchidaceae
- VICIA:**  
*Acanthoscelides ceratioborus* (Coleoptera)  
*Apion ochropus* (Coleoptera)  
*Apion pomonae* (Coleoptera)  
*Bruchus guttalis* (Coleoptera)  
*Bruchus rufipes* (Coleoptera)  
*Callosobruchus chinensis* (Coleoptera)
- VITIS:**  
*Aedes albifasciatus* (Diptera)  
*Ceratitis capitata* (Diptera)
- WARSEWICZIA:**  
*Coccus viridis* (Homoptera)
- ZANTEDESCHIA:**  
*Chaetopsis fulvifrons* (Diptera)  
*Enicmus minutus* (Coleoptera)  
*Poronotus constrictus* (Hemiptera)
- ZEAE:**  
*Adoretus sinicus* (Coleoptera)  
*Chaetopsis fulvifrons* (Diptera)  
*Drasterius licens* (Coleoptera)  
*Eumecosomyia nubila* (Diptera)  
*Euzesta stigmatias* (Diptera)  
*Moodna bisinuella* (Lepidoptera)  
*Peregrinus maidis* (Homoptera)  
*Peribalus limbolarius* (Hemiptera)  
*Prostephanus truncatus* (Coleoptera)  
*Toxotrypana curvicauda* (Diptera)
- ZINGIBERACEAE:**  
*Aspidiotus spinosus* (Homoptera)

*Hosts unknown*

- AIRPLANE:**  
*Aceratagallia sordida* (Homoptera)  
*Ceratitis capitata* (Diptera)  
*Colladonus montanus* (Homoptera)  
*Draeculacephala soluta* (Homoptera)  
*Iridomyrmex humilis* (Hymenoptera)  
*Lamenia caliginea* (Homoptera)  
*Liriophagus texanus* (Hymenoptera)  
*Ligyrocoris setosus* (Hemiptera)  
*Loxostege similalis* (Lepidoptera)  
*Milichiella lacteipennis* (Diptera)  
*Pachybrachius nigriceps* (Hemiptera)  
*Reticulitermes virginicus* (Isoptera)  
*Scatella hawaiiensis* (Diptera)  
*Scatella szmaloti* (Diptera)  
*Stoeberhinus testaceus* (Lepidoptera)  
*Styngomyia didyma* (Diptera)  
*Sulilia limbata* (Diptera)  
*Tephrochlamys canescens* (Diptera)  
*Trigonotylus brevis* (Hemiptera)  
*Trigonotylus pulcher* (Hemiptera)  
*Xylophocus castanoptera* (Coleoptera)  
*Xylothrips religiosus* (Coleoptera)
- BASKET:**  
*Dinoderus brevis* (Coleoptera)
- BEAN:**  
*Acanthoscelides ceratioborus* (Coleoptera)  
*Maruca testulalis* (Lepidoptera)  
*Zabrotes subfasciatus* (Coleoptera)
- BROOM:**  
*Lygaeus vitticutis* (Hemiptera)
- FLOWERS:**  
*Frankliniella insularis* (Thysanoptera)  
*Ligyrocoris nitidulus* (Hemiptera)  
*Listrus senilis* (Coleoptera)  
*Lygus rubicundus* (Hemiptera)
- GRASS:**  
*Enicmus consimilis* (Coleoptera)  
*Enicmus minutus* (Coleoptera)  
*Geotomus pygmaeus* (Hemiptera)  
*Lecanopsis formicarum* (Homoptera)  
*Poronotus constrictus* (Hemiptera)  
*Poronotus sodalis* (Hemiptera)
- GROCERIES:**  
*Tychius inermis* (Coleoptera)  
*Zabrotes subfasciatus* (Coleoptera)
- HAY:**  
*Enicmus consimilis* (Coleoptera)  
*Enicmus minutus* (Coleoptera)

## Hosts unknown—Continued

<b>HERB:</b>	<b>SEEDS:</b>
<i>Renocis mexicanus</i> (Coleoptera)	<i>Acanthoscelides spinipes</i> (Coleoptera)
<b>LEAF:</b>	<i>Caryedon fuscus</i> (Coleoptera)
<i>Aspidiotus destructor</i> (Homoptera)	<i>Catorama herbarium</i> (Coleoptera)
<i>Aspidiotus ericeus</i> (Homoptera)	<b>STRAW:</b>
<i>Chrysomphalus peronatus</i> (Homoptera)	<i>Heteroderes amplicollis</i> (Coleoptera)
<i>Coccus viridis</i> (Homoptera)	<b>UNKNOWN:</b>
<i>Lepidosaphes alba</i> (Homoptera)	<i>Calendra ochrea</i> (Col-optera)
" <i>Lepidosaphes</i> " <i>hemichionaspiformis</i> (Homoptera)	<b>VEGETABLES:</b>
<i>Xanthaciura insecta</i> (Diptera)	<i>Frachyrhinus oratus</i> (Coleoptera)
<b>LEGUME:</b>	<i>Empoasca abrupta</i> (Homoptera)
<i>Callosobruchus maculatus</i> (Coleoptera)	<i>Eregerstis straminealis</i> (Lepidoptera)
<i>Callosobruchus phaseoli</i> (Coleoptera)	<i>Phytocoris laevis</i> (Hemiptera)
<b>MAIL:</b>	<i>Thyanta custator</i> (Hemiptera)
<i>Forficula pubescens</i> (Dermaptera)	<b>WAR CURIOS:</b>
<b>MERCHANDISE:</b>	<i>Iridomyrmex humilis</i> (Hymenoptera)
<i>Ptinus hirtellus</i> (Coleoptera)	<i>Pachybrachius nigriceps</i> (Hemiptera)
<b>PACKING:</b>	<b>WEEDS:</b>
<i>Iridomyrmex iniquus nigella</i> (Hymenoptera)	<i>Hymenia perspectalis</i> (Lepidoptera)
<i>Oryzidema longulum</i> (Coleoptera)	<b>WOOD:</b>
<i>Pantomorus xanthographus</i> (Coleoptera)	<i>Apatides fortis</i> (Coleoptera)
<i>Phyllotreta flexuosa</i> (Coleoptera)	<i>Desmiphora hirticollis</i> (Coleoptera)
<b>PLANT:</b>	<i>Dinoderus bifoveolatus</i> (Coleoptera)
<i>Artipus floridanus</i> (Coleoptera)	<i>Heterobostrychus aequalis</i> (Coleoptera)
<b>RAILWAY CAR:</b>	<i>Micrapate labialis</i> (Coleoptera)
<i>Anastrepha ludens</i> (Diptera)	<i>Minthea rugicollis</i> (Coleoptera)
<i>Charissa vestita</i> (Coleoptera)	<i>Pinnaspis temporaria</i> (Homoptera)
<b>RECEPTACLE CONTAINING ORANGES</b>	<i>Pityophthorus cribratus</i> (Coleoptera)
<b>AND GRAPEFRUITS:</b>	<i>Penocis mexicanus</i> (Coleoptera)
<i>Anastrepha ludens</i> (Diptera)	<i>Scolopocerus uhleri</i> (Hemiptera)
<b>SEA SHELLS AND COCONUT:</b>	<i>Tetrapriocera longicornis</i> (Coleoptera)
<i>Iridomyrmex humilis</i> (Hymenoptera)	<i>Xylobiops paritis</i> (Coleoptera)

## Countries of origin and insects

<b>ADMIRALTY ISLAND:</b>	<b>BRITISH COLUMBIA:</b>
<i>Aspidiotus destructor</i>	<i>Aleyrodes spiraeoides</i>
<i>Ripersia palmarum</i>	<i>Amphidasia cognataria</i>
<b>ALGERIA:</b>	<i>Brachyrhinus sulcatus</i>
<i>Baris lepidii</i>	<i>Campylomma verbasci</i>
<i>Laspeyresia splendana</i>	<i>Dorytomus luridus</i>
<b>ANTIGUA:</b>	<i>Liothrips vaneeckei</i>
<i>Corcyra cephalonica</i>	<i>Strophosoma melanogrammum</i>
<i>Pectinophora gossypiella</i>	<i>Taeniothrips simplex</i>
<b>ARGENTINA:</b>	<b>BRITISH GUIANA:</b>
<i>Acanthoscelides spinipes</i>	<i>Callosobruchus maculatus</i>
<i>Aedes albifasciatus</i>	<i>Chionaspis citri</i>
<i>Carcinops quatuordecimstriata</i>	<b>BRITISH HONDURAS:</b>
<i>Caryedon fuscus</i>	<i>Anastrepha mombinpraeoptans</i>
<i>Diatraea saccharalis</i>	<i>Targionia sacchari</i>
<i>Pantomorus ranthographus</i>	<b>BRITISH WEST INDIES:</b>
<i>Pectinophora gossypiella</i>	<i>Callosobruchus maculatus</i>
<b>ARUBA:</b>	<b>CANADA:</b>
<i>Chionaspis citri</i>	<i>Barypeithes pellucidus</i>
<b>AUSTRALIA:</b>	<i>Brachyrhinus oratus</i>
<i>Ceratitiscapitata</i>	<i>Brachyrhinus singularis</i>
<i>Eriococcus serratifolius prominens</i>	<i>Calligrapha elegans</i>
" <i>Lepidosaphes</i> " <i>hemichionaspiformis</i>	<i>Epitrix suberinata</i>
<i>Morganella longispina</i>	<i>Eregerstis straminealis</i>
<i>Ptinus hirtellus</i>	<i>Frankliniella moultoni</i>
<b>AZORES:</b>	<i>Frankliniella tritici</i>
<i>Heteroderes amplicollis</i>	<i>Gracilaria azaleella</i>
<i>Micromyzus formosanus</i>	<i>Gracilaria syringella</i>
<i>Phyza scabiei</i>	<i>Haploethrips niger</i>
<b>BAHAMAS:</b>	<i>Macrosiphoniella sanborni</i>
<i>Artipus floridanus</i>	<i>Nabis roseipennis</i>
<i>Callosobruchus phaseoli</i>	<i>Phenacaspis piniifoliae</i>
<i>Lepidosaphes alba</i>	<i>Rhopalosiphum rufomaculatum</i>
<b>BELGIAN CONGO:</b>	<i>Taeniothrips simplex</i>
<i>Aspidiotus destructor</i>	<i>Trachyploeus bifoveolatus</i>
<b>BERMUDA:</b>	<i>Trialeurodes vaporariorum</i>
<i>Aphis medicaginis</i>	<b>CANAL ZONE:</b>
<b>BRAZIL:</b>	<i>Acanthoscelides armitagei</i>
<i>Anastrepha fraterculus</i> (?)	<i>Chrysomphalus umboniferus</i>
<i>Anastrepha serpentina</i>	<i>Coccus viridis</i>
<i>Callosobruchus maculatus</i>	<i>Cylas formicarius</i> , probably <i>elegantulus</i>
<i>Ceratitiscapitata</i> (?)	<i>Furcaspis biformis</i>
<i>Eurytoma orchidearum</i>	<i>Phelomerus aberrans</i>
<i>Euscapes postfasciatus</i>	<i>Pinnaspis temporaria</i>
<i>Lophocaretes pusillus</i>	<i>Pseudonidia tesserata</i>
<i>Mordellistena catleyana</i>	<b>CAROLINE ISLANDS:</b>
<i>Parlatoria cinerea</i>	<i>Aonidiella inornata</i>
<i>Tenthecoris bicolor</i>	<i>Furcaspis oceanica</i>

## Countries of origin and insects—Continued

## CAYMAN ISLANDS:

*Monomorium destructor*

## CEYLON:

*Aspidiotus destructor**Parlatoria proteus*

## CHILE:

*Acanthoscelides ceratioborus**Bruchus elegans**Diaphania mitidalis**Macrosiphum litii*

## CHINA:

*Callosobruchus chinensis*

## COLOMBIA:

*Acanthoscelides dominicanus**Aleurothrixus howardi**Aspidiotus destructor**Bostrychopsis trimorpha**Chrysomphalus (Melanaspis) tenax**Coccus viridis**Coproporus pulchellus**Cylas formicarius elegantulus**Dialeurodes citrifolii**Dinoderus bifoveolatus**Eucalandra setulosa**Furcaspis biformis**Leptostylus gibbulosus**Minthea rugicollis**Mordellistena cattleyana*

## COSTA RICA:

*Aspidiotus destructor**Aspidiotus palmarum**Asterolecanium bambusae**Asterolecanium epedendri**Ceroptastes floridensis**Chorizagrotis auxiliaris**Chrysomphalus umboniferus**Forficula auricularia**Furcaspis biformis**Leucaspis cockerelli**Melanaspis aliena**Metamastus sericeus**Pseudischnaspis alienus**Pseudischnaspis boureyi**Zabrotes subfasciatus*

## CUBA:

*Anastrepha mombinpraeoptans**Anastrepha suspensa* (?)*Aspidiotus spinosus**Coccus viridis**Conchaspis angraci**Corcyræ cephalonica**Cylas formicarius elegantulus**Dialeurodes citrifolii**Diatraea saccharalis**Dinoderus bifoveolatus**Euscepes postfasciatus**Nanus uniformis**Pectinophora gossypiella**Pulvinaria psidii**Ribua innoxia**Silis marginella**Targionia sacchari**Tetrapirocera longicornis**Trichoplusia ni**Xanthaciura insecta*

## CURACAO:

*Coccus viridis*

## DOMINICAN REPUBLIC:

*Anastrepha serpentina**Asterolecanium pustulosum**Coccus viridis**Scleroderma macrogaster**Targionia sacchari*

## EGYPT:

*Ceratitis capitata**Corcyræ cephalonica**Pectinophora gossypiella*

## ENGLAND:

*Anaphothrips orchidaceus**Aphodius distinctus**Barathra brassicae**Barypeithes pellucidus**Brachyrhinus ovatus**Brachyrhinus singularis**Ceutorhynchus pleurostigma*

## ENGLAND—Continued

*Clytus arietis**Dalopius marginatus**Dialeurodes chittendeni* (?)*Hofmannophila pseudopretella**Lecanopsis formicarum**Leperisinus fraxini**Lepidosaphes tuberculata**Limothrips cerealeum**Liothrips vanceekii**Parthenothrips dracaenae**Pemphigus auriculae**Phyllotreta fleuosa**Psila rosae**Psylliodes chrysocephala**Tachyporus chrysomelinus**Taeniothrips ericae*

## ENIWETOK ISLAND:

*Furcaspis oceanica*

## EUROPE:

*Iridomyrmex humilis*

## FIJI ISLANDS:

*Aspidiotus destructor*

## FRANCE:

*Gymnaetron antirrhini**Laspeyresia splendana*

## GERMANY:

*Enicmus consimilis*

## GOLD COAST:

*Cordylomera spinicornis**Corynetes analis**Cylas femoralis**Fulvius oxycaenoides**Stenodontes downesi**Xylion securifer**Xylopertha crinitarsis*

## GUADALCANAL:

*Aleurocanthus coccis* (?)

## GUAM:

*Chlorophorus annularis**Pachybrachius nigriceps*

## GUATEMALA:

*Aleurothrixus myrtacei**Anastrepha ludens**Anaphothrips orchidii**Aspidiotus (Hemiberlesia) mendax**Asterolecanium epidendri**Chrysomphalus umboniferus**Cleozona pulchra**Cligenes delineata**Coccus pseudohesperidum**Coccus viridis**Crophius costatus**Cryphula apicatus**Cryptotermes cavifrons**Cybosoma grande**Diorymerellus laevimargo**Eurycipitia vestitus**Iridomyrmex iniquus nigella**Ligyrocotis litigiosus**Listrus senilis**Megapenthes cinnamomeus**Melanaspis aliena**Neoclytus cacticus**Paraleyrodes citricolus**Paraleyrodes singularis**Parlatoria proteus**Perigenes dispositus**Platypus rugulosus**Prostephanus truncatus**Pseudischnaspis alienus*

## HAITI:

*Anastrepha mombinpraeoptans**Asterolecanium epidendri**Corcyræ cephalonica**Cylas formicarius elegantulus**Lepidosaphes alba**Vinsonia stellifera*

## HAWAII:

*Adoretus sinicus**Amorbia emigratella**Aspidiotus spinosus**Caryedon fuscus**Ceratitis capitata**Coccus viridis*



## Countries of origin and insects—Continued

## HAWAII—Continued

*Dacus cucurbitae*  
*Callosobruchus chinensis*  
*Callosobruchus phaseoli*  
*Diocalandra taitensis*  
*Leucaspis cockerelli*  
*Maruca testulalis*  
*Oryzema longulum*  
*Parlatoria ziziphus*  
*Pealius hibisci*  
*Pectinophora gossypiella*  
*Peregrinus maidis*  
*Penaspis sandwicensis* (?)  
*Pseudaonidia tessera*  
*Ripersia palmarum*  
*Sternochetus mangiferae*

## HONDURAS:

*Conotrachelus perseae*  
*Cylas formicarius elegantulus*  
*Lepidosaphes puniciae*  
*Liodema kirochi*

## INDIA:

*Callosobruchus analis*  
*Callosobruchus maculatus*  
*Catorama herbarium*  
*Cylas formicarius*  
*Dinoderus bifoveolatus*  
*Dinoderus brevis*  
*Dinoderus ocellaris*  
*Heterostrychnus aequalis*  
*Lophocateres pusillus*  
*Minthea rugicollis*  
*Nephotettix bipunctatus*  
*Thaumaphrastus karanisensis*

## ITALY:

*Apion pomonae*  
*Bruchus rufipes*  
*Forficula auricularia*  
*Laspeyresia splendana*

## JAMAICA:

*Anastrepha mombinpraecoptans*  
*Callosobruchus chinensis*  
*Callosobruchus maculatus*  
*Catorama tabaci*  
*Chionaspis citri*  
*Protosphaerion insulare*  
*Setomorphia rutella*

## LIBERIA:

*Hermetia illucens*

## MADEIRA ISLANDS:

*Chrysomphalus personatus*

## MALTA:

*Lariophagus distinguendus*

## MARSHALL ISLANDS:

*Aonidiella inornata*  
*Furcaspis oceanica*

## MARTINIQUE:

*Chrysomphalus personatus*  
*Coccus mangiferae*  
*Pinnaspis buxi*  
*Vinsonia stellifera*

## MEXICO:

*Acanthoscelides dominicanus*  
*Acanthoscelides prosopis*  
*Acanthoscelides protractus*  
*Aceratagallia curta*  
*Aceratagallia robusta*  
*Aceratagallia sordida*  
*Aceratagallia uhleri*  
*Agromyza virens*  
*Agrotis ypsilon*  
*Aleurocanthus woglumi*  
*Aleuroglandulus emmae*  
*Aleurothrix myrtacei*  
*Aleurotrachelus atratus*  
*Alpheias conspirata*  
*Amorbia emigratella*  
*Amphicerus cornutus*  
*Anacentrinus deplanatus*  
*Anaphothrips orchidaceus*  
*Anastrepha ludens*  
*Anastrepha serpentina*  
*Apatides fortis*  
*Aphis nerii*  
*Arvelius albopunctatus*

## MEXICO—Continued

*Aspidiotus coursetiae*  
*Aspidiotus spinosus*  
*Asterolecanium bambusae*  
*Asterolecanium pustulans*  
*Blissus leucopterus*  
*Bolbothrips aztecus*  
*Brachycoryna pumila*  
*Brentus anchorago*  
*Calendra ochrea*  
*Callirhytis sonoreae*  
*Callosobruchus maculatus*  
*Catorama tabaci*  
*Caulophilus latinasus*  
*Celerio lineata*  
*Ceroplastes floridensis*  
*Chaetopsis debilis*  
*Chaetopsis julifrons*  
*Charissa vestita*  
*Chilo loftini*  
*Chrysomphalus albopictus*  
*Chrysomphalus personatus*  
*Chrysomphalus scutiformis*  
*Clasoptera zanthocephala unicolor*  
*Clydonopteron tecomae*  
*Coccus mangiferae*  
*Coccus viridis*  
*Colecerus marmoratus*  
*Colias eurytheme*  
*Conoderus browni*  
*Conoderus pictus*  
*Conotrachelus aguacatae*  
*Conotrachelus integer*  
*Conotrachelus seniculus*  
*Coproporus pulchellus*  
*Corcyra cephalonica*  
*Corimelaena incognita*  
*Crocosema plebeiana*  
*Curculio q-griseae*  
*Cylas formicarius elegantulus*  
*Cypsela bimaculata*  
*Cyrtopeltis varians*  
*Decatoma foliatuae arizonica*  
*Diaphania hyalinata*  
*Diaphania nitidalis*  
*Diatraea saccharalis*  
*Diorymerellus laevimargo*  
*Draeculacephala lenticula*  
*Draeculacephala portola*  
*Draeculacephala soluta*  
*Drasterius livens*  
*Dysdercus mimulus*  
*Elasmopalpus lignosellus*  
*Empoasca abrupta*  
*Empoasca thela*  
*Endestes sculpturatus*  
*Enicmus minutus*  
*Epicaerus cognatus*  
*Epicauta rileyi*  
*Epilachna varivestis*  
*Epinotia opposita*  
*Epitrix cucumeris*  
*Epitrix fasciata*  
*Eriococcus coccineus*  
*Estigmene acrea*  
*Eucalandra setulosa*  
*Eucalymnatus tessellatus*  
*Eumecosomyia nubila*  
*Eurycipitia vestitus*  
*Euxesta stigmatias*  
*Evalljapyx dolichoduuus*  
*Everes comyntas*  
*Evergestis rimosalis*  
*Exptochiomera minima*  
*Forcipomyia raleighi*  
*Frankliniella bratleyi*  
*Frankliniella cephalica*  
*Frankliniella minuta*  
*Fulvius anthocorides*  
*Galerucella marmorata*  
*Galgapha magna*  
*Gerstaeckeria mutillaria*  
*Glyphonyx praecox*  
*Glyptina nivalis*  
*Gnortmoschea gudmannella*

## Countries of origin and insects—Continued

## MEXICO—Continued

*Grapholitha packardii*  
*Haplothrips gowdeyi*  
*Heliodines bella*  
*Heliothis subflexa*  
*Hellula undalis*  
*Hermetia illucens*  
*Hymenia perspectalis*  
*Hypogeocoris imperialis*  
*Hypselnotus fulvus punctiventris*  
*Iliotona cacti*  
*Lariophagus distinguendus*  
*Laspeyresia membra*  
*Lepidosaphes philococcus*  
*Leucinodes elegantalis*  
*Ligyrocoris auricilliana*  
*Ligyrocoris litigiosus*  
*Ligyrocoris nitidulus*  
*Ligyrocoris setosus*  
*Lineodes integra*  
*Liorhyssus hyalinus*  
*Liriomyza pusilla*  
*Listronotus oregonensis*  
*Listrus senilis*  
*Lophocateres pusillus*  
*Loxostege helvialis*  
*Loxostege similalis*  
*Lycostomus sanguineus*  
*Lygaeus pulchellus*  
*Lygaeus vittiscutis*  
*Lygus apicalis*  
*Lygus elisus*  
*Lygus hesperus*  
*Lygus oblineatus*  
*Lygus rubicundus*  
*Macroductylus mexicanus*  
*Macrosiphum granarium*  
*Melanophthalma subfusca*  
*Metazygomyza circumcincta*  
*Micrapate labialis*  
*Microum ovoforme*  
*Mimorista flavidissimalis*  
*Moodna bisinuella*  
*Myelobia smerintha*  
*Myelois venipars*  
*Nabis dentipes*  
*Nabis lovetti*  
*Nathalis iole*  
*Neoclytus augusti*  
*Neoptychodes trilineatus abbreviatus*  
*Notogramma stigma*  
*Notatus monodon*  
*Nysius minutus*  
*Nysius strigosus*  
*Oncideres rhodosticta*  
*Oplomus mundus*  
*Ozophora consanguineus*  
*Pachyneuron allograptae*  
*Parlatoria cinerea*  
*Parlatoria oleae*  
*Pectinophora gossypiella*  
*Pelopia punctipennis*  
*Peribalus timbolaris*  
*Phalantha intricata*  
*Phelypera distigma*  
*Phenacoccus gossypii*  
*Phyllophaga lanceolata*  
*Phyllotreta pusilla*  
*Phymata fasciata georgiensis*  
*Physonota attenuata*  
*Phytocoris laevis*  
*Pintalia dorsivittata*  
*Pityophthorus cribratus*  
*Placosternus difficilis*  
*Platynota rostrata*  
*Platynota stultana*  
*Pleurophorus batesi*  
*Pnyxia scabiei*  
*Podisus acutissimus*  
*Podisus maculiventris*  
*Poronotus constrictus*  
*Prodenia ornithogalli*  
*Pseudischnaspis alienus*  
*Pseudischnaspis boureyi*  
*Psychoda alternata*

## MEXICO—Continued

*Psychoda cinerea*  
*Psychoda severini*  
*Pultinaria psidii*  
*Renocis mexicanus*  
*Rhagoletis pomonella*  
*Rhagoletis striatella*  
*Rhopalosiphum rufomaculatum*  
*Scolopocerus uhleri*  
*Sepsis pectoralis*  
*Selomorpha rutella*  
*Siboria occatoria*  
*Sisamnes contractus*  
*Sizeonotus luteiceps*  
*Stenomoma anonella*  
*Stenomoma catenifer*  
*Stethaulax marmoratus*  
*Stirellus bicolor*  
*Stolas tristigma*  
*Tachardiella fulgens*  
*Taeniothrips simplex*  
*Talponia batesi*  
*Targionia bromeliae*  
*Targionia sacchari*  
*Tetraleurodes acaciae*  
*Tetraleurodes abnormis*  
*Tetraleurodes mori*  
*Tetraleurodes perileuca*  
*Tetraleurodes ursorum*  
*Tezananus excultus*  
*Thecla bathildis*  
*Thyanta antiquensis*  
*Thyanta custator*  
*Thyanta punctiventris*  
*Toxomerus geminatus*  
*Toxotrypana curvicauda*  
*Trachytalis isabellina*  
*Trialeurodes vaporariorum*  
*Trichoplusia ni*  
*Trupanea actinobola*  
*Tychius inermis*  
*Voria ruralis*  
*Xylobiops parilis*  
*Xylobiops texanus*  
*Zabrotes subfasciatus*

NETHERLANDS:  
*Rhopalosiphonius tulipaella*

NEW GUINEA:  
*Aspidiotus destructor*  
*Aspidiotus palmae*

NEW HEBRIDES:  
*Diocalandra taiensis*

NIGERIA:  
*Callosobruchus maculatus*  
*Stephanoderes hampei*

NORTH IRELAND:  
*Anthocoris sylvestris*

OCEANIA:  
*Furcaspis oceanica*

PALESTINE:  
*Ceratitis capitata*

PANAMA:  
*Aspidiotus destructor*  
*Chrysomphalus personatus*  
*Coccus viridis*  
*Cylas formicarius elegantulus*  
*Iridomyrmex iniquus nigella*  
*Leucaspis cockerelli*  
*Pinnaspis temporaria*  
*Sylepta elevata*

PERU:  
*Acanthosceldes ceratioborus*  
*Dinoderus bifoveolatus*  
*Epinotia opposita*  
*Megacyllene boliviana*

PHILIPPINES:  
*Aonidiella inornata*  
*Aspidiotus destructor*  
*Dinoderus brevis*

PORTUGAL:  
*Apion pomonae*  
*Bruchus outalis*  
*Ceratitis capitata*  
*Desmometopa m-nigrum*  
*Eucalymnatus tessellatus*

## Countries of origin and insects—Continued

## PORTUGAL—Continued

*Hermetia pennicornis*  
*Laspeyresia splendana*  
*Poronotus constrictus*

## PUERTO RICO:

*Anastrepha mombinpraeoptans*  
*Aspidiotus destructor*  
*Aspidiotus herculeanus*  
*Chionaspis citri*  
*Coccus viridis*  
*Corcyra cephalonica*  
*Cylas formicarius elegantulus*  
*Dialeurodes citrifolii*  
*Frankliniella insularis*  
*Puleinaria psidii*

## SALVADOR:

*Anastrepha serpentina*  
*Carneiocephala flaviceps*  
*Desmiphora hirticollis*  
*Pseudoschnaspis alienus*  
*Zabrotes subfasciatus*

## SAMOA:

*Parlatoria cinerea*

## SCOTLAND:

*Amblyteles armatorius*  
*Aphodius depressus*  
*Aptinotrips rufus*  
*Brachytrichus ovatus*  
*Chirotrips manicatus*  
*Ludius cupreus*  
*Megastomum boletophagum*  
*Meraporus graminicola*  
*Opomyza germinationis*  
*Ptenidium fusciorne*  
*Rhopalosiphum splendens*  
*Serica brunnea*  
*Tachyporus chrysomelinus*  
*Taeniothrips ericae*  
*Trachyploeus scabriculus*

## SIERRA LEONE:

*Cylas puncticollis*

## SOLOMON ISLANDS:

*Aleurocanthus cocois* (?)  
*Brontispa froggatti*  
*Ripersia palmarum*  
*Trochoideus desjardinsi*

## SOUTH AMERICA:

*Parlatoria cinerea*

## SOUTH PACIFIC:

*Aonidiella eremotiri*  
*Aonidiella inornata*  
*Aspidiotus excisus*  
*Caryedon fuscus*  
*Ceratitidis capitata*  
*Colladonus montanus*  
*Dinoderus brevis*  
*Enicmus minutus*  
*Furcaspis oceanica*  
*Iridomyrmex humilis*  
*Lariophagus tezanus*  
*Milichetiella lacteipennis*  
*Nephotettix bipunctatus*  
*Oxydema fusiforme*  
*Pachybrachius nigriceps*  
*Phenacaspis sandwicensis* (?)  
*Pinnaspis buzi*  
*Scatella hawaiiensis*  
*Scatella seznotata*  
*Stenotrupis marshalli*  
*Stoeberhinus testaceus*  
*Styringomyia didyma*  
*Suillia limbata*  
*Tephrochlamys canescens*  
*Trigonotylus brevipennis*  
*Trigonotylus pulcher*  
*Vinsonia stellifera*  
*Xylopsocus castanoptera*  
*Xylothrips religiosus*

## SPAIN:

*Ceratitidis capitata* (?)  
*Laspeyresia splendana*  
*Litargus connexus*

## TAHITI:

*Morganella longispina*

## TINIAN ISLAND:

*Aonidiella comperei*

## TRINIDAD:

*Anastrepha fraterculus* (?)  
*Asterolecanium epidendri*  
*Dercynus micromyz*  
*Diaphania nitidalis*  
*Euscepes postfasciatus*  
*Frankliniella insularis*  
*Fulvius albomaculatus*  
*Furcaspis biformis*  
*Lepidosaphes tuberculata*  
*Leucaspis cockerelli*  
*Neodryocoetes caribaeus*  
*Parlatoria proteus*  
*Protopulvinaria pyriformis*  
*Pseudonidia trilobitiformis*  
*Stenomoma catenifer*

## TUNISIA:

*Lariophagus distinguendus*

## UNION OF SOUTH AFRICA:

*Ceratitidis capitata* (?)  
*Frankliniella schullzei*

## UNKNOWN:

*Aethus indicus*  
*Aption ochropus*  
*Aption pomonae*  
*Cartodere ruficollis*  
*Chilo simplex* (?)  
*Coccus viridis*  
*Corcyra cephalonica*  
*Cylas formicarius elegantulus*  
*Dacne picta*  
*Dinoderus brevis*  
*Dinoderus ocellaris*  
*Enicmus consimilis*  
*Enicmus minutus*  
*Forficula auricularia*  
*Forficula pubescens*  
*Furcaspis biformis*  
*Furcaspis oceanica*  
*Geotomus pygmaeus*  
*Heterobostrychus aequalis*  
*Iridomyrmex humilis*  
*Lamenia caliginea*  
*Lariophagus distinguendus*  
*Laspeyresia splendana*  
*Lepidosaphes juniperi*  
*Ludius sjaelandicus*  
*Minthea rugicollis*  
*Parlatoria camelliae*  
*Parlatoria oleae*  
*Parlatoria proteus*  
*Parlatoria ziziphus*  
*Pectinophora gossypiella*  
*Poronotus constrictus*  
*Poronotus sodalis*  
*Reticulitermes virginicus*  
*Sitona sulcifrons*

## VENEZUELA:

*Aspidiotus palmae*  
*Asterolecanium epidendri*  
*Callosobruchus maculatus*  
*Chionaspis citri*  
*Coccus viridis*  
*Eucnecerus anthrenoides*  
*Eurytoma orchidearum*  
*Frankliniella diffilis*  
*Frankliniella insularis*  
*Furcaspis biformis*  
*Iridomyrmex iniquus*  
*Iridomyrmex iniquus nigella*  
*Leptostylus gibbulosus*  
*Melanophora roralis*  
*Nesofurius caralhoi*  
*Parahagadochir trinitatis*  
*Tenthecoris bicolor*  
*Vinsonia stellifera*

## VIRGIN ISLANDS:

*Pectinophora gossypiella*



*List of pests (diseases)\* collected and reported from July 1, 1944, to June 30, 1945, inclusive*

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions for—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Albugo bliti</i> (Biv.-Bern.) Kuntze:					
<i>Amaranthus</i> sp.	Mexico	5			Tex.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp. (carnation)	Venezuela	1			Fla. *
<i>Alternaria porri</i> (Ell.) Cif.:					
<i>Allium cepa</i> (onion)	Mexico	2			Tex.
<i>Alternaria radicina</i> F. Meier et al.:					
<i>Daucus carota sativa</i> (carrot)	do	1			Tex.
<i>Angiospora pallescens</i> (Arth.) Mains:					
<i>Euchlaena</i> sp. (teosinte)	Guatemala			1	Tex.
<i>Aphelenchoides parietinus</i> (Bastian) Steiner:					
<i>Solanum tuberosum</i> (potato)	Sweden		1		Pa.
<i>Aphelenchus avenae</i> Bastian:					
<i>Solanum tuberosum</i> (potato)	Italy		1		Md.
<i>Aphelenchus bicaudatus</i> Imamura:					
<i>Colocasia esculenta</i> (dasheen)	Azores	1			Pa.
<i>Ascochyta citri</i> Penz. (?):					
<i>Citrus sinensis</i> (orange)	Australia		1		Calif. *
<i>Ascochyta graminicola</i> Sacc.:					
<i>Triticum aestivum</i> (wheat)	do	1			Calif. *
<i>Ascochyta pisi</i> Lib.:					
<i>Pisum sativum</i> (pea)	Mexico, Portugal	11	1		Pa., Tex.
<i>Asterina agave</i> Ell. & Ev.:					
<i>Agave</i> sp.	Mexico			1	Tex.
<i>Asterina delitescens</i> Ell. & G. Martin:					
<i>Persea</i> sp.	do	1			Tex.
<i>Asterina wrightii</i> Berk & Curt:					
<i>Cactus</i>	do			1	Tex.
<i>Bacillus amylovorus</i> (Burr.) Trev.:					
<i>Pyrus communis</i> (pear)	do	1			Tex.
<i>Bacterium citri</i> (Hasse) Doldge:					
<i>Citrus paradisi</i> (grapefruit)	Australia		1		Md.
<i>Bacterium lachrymans</i> E. F. Sm. & Bryan:					
<i>Cucumis sativus</i> (cucumber)	Mexico	2			Tex.
<i>Bacterium malvacearum</i> E. F. Sm.:					
<i>Gossypium</i> sp. (cotton boll)	do	1	1		Tex.
<i>Bacterium marginatum</i> McCull.:					
<i>Gladiolus</i> sp.	do	2		34	D. C., Tex.
<i>Bacterium pisi</i> (Sackett) E. F. Sm.:					
<i>Pisum sativum</i> (pea)	do	8			Tex.
<i>Basisporium gallarum</i> Moill.:					
<i>Zea mays</i> (corn)	do	2			Ariz.
<i>Botrytis allii</i> Mann:					
<i>Allium cepa</i> (onion)	Argentina, Australia, Mexico.	13	2		Ariz., Calif. * Md., Tex.
<i>Botrytis narcissicola</i> Kleb.:					
<i>Narcissus</i> sp.	England, Ireland, Wales			5	N. J.
<i>Botrytis tulipae</i> (Lib.) Lind.:					
<i>Tulipa</i> sp. (tulip)	England			5	Md., N. J.
<i>Cephalosporium sacchari</i> Butl. (?):					
<i>Saccharum officinarum</i> (sugarcane)	Trinidad		1		Ala.
<i>Ceratostomella fimbriata</i> (Ell. & Halst.) Elliott:					
<i>Ipomoea batatas</i> (sweetpotato)	Mexico	1			Tex.
<i>Cercospora althaeina</i> Sacc.:					
<i>Gossypium</i> sp. (cotton)	do		2		Tex.
<i>Cercospora angreci</i> Roum.:					
<i>Odontoglossum</i> sp. (orchid)	England			5	N. J.
<i>Cercospora caleroides</i> Sacc.:					
<i>Casimoroa edulis</i> (white-sapote)	Mexico	1			Ariz.
<i>Cercospora capsici</i> Heald & Wolf:					
<i>Capsicum frutescens</i> (pepper)	do	2			Tex.
<i>Cercospora coffeicola</i> Berk. & Curt.:					
<i>Coffea</i> sp. (coffee)	Guatemala			1	N. J.
<i>Cercospora gaultheriae</i> Ell. & Ev.:					
<i>Gaultheria acuminata</i>	Mexico	1			Tex.
<i>Cercospora lythracearum</i> Heald & Wolf:					
<i>Punica granatum</i> (pomegranate)	do	1			Tex.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Non-entry	Propaga- tion	
<i>Cercospora musae</i> Zimm.: <i>Musa paradisica sapientum</i> (banana) ..	Canal Zone, Cuba, Guatemala, Mexico, Panama, Puerto Rico.	58	6	---	Calif.*, Md., Pa. Tex.
<i>Cercospora sechii</i> Stevenson: <i>Sechium edule</i> (chayote) ..	Trinidad ..	---	1	---	Tex.
<i>Cercospora sorghi</i> Ell. & Ev.: <i>Sorghum halepense</i> (Johnson grass) ..	Mexico ..	---	3	---	Tex.
<i>Cercospora staticis</i> Lob.: <i>Armeria</i> sp. (statice) ..	Guatemala ..	1	---	---	Tex.
<i>Cercospora mori</i> Pk.: <i>Morus</i> sp. (mulberry) ..	Mexico ..	1	1	---	Tex.
<i>Cercospora insulana</i> Sacc.: <i>Armeria</i> sp. (statice) ..	do ..	3	---	---	Tex.
<i>Cladosporium carpophilum</i> Thuem.: <i>Prunus persica</i> (peach) ..	Algeria ..	---	1	---	Md.
<i>Cladosporium cucumerinum</i> Ell. & Arth. (?): <i>Cucurbita maxima</i> (squash) ..	Mexico ..	2	---	---	Tex.
<i>Cladosporium piscicolum</i> Snyder: <i>Pisum sativum</i> (pea) ..	Portugal ..	---	1	---	Pa.
<i>Cladosporium rignae</i> Gardner: <i>Pisum sativum</i> (pea) ..	Cuba ..	---	1	---	Fla.*
<i>Clariceps paspali</i> F. L. Stevens & J. G. Hall: <i>Paspalum dilatatum</i> (Dallis grass) ..	Union of South Africa ..	---	1	---	N. Y.
<i>Clariceps purpurea</i> (Fr.) Tul.: <i>Bromus brevis</i> ..	Uruguay ..	---	1	---	D. C.
<i>Colletotrichum cinctum</i> (Berk. & Curt.) Ston.: <i>Odontoglossum schlieperianum</i> (orchid) ..	Costa Rica ..	---	---	1	Calif.*
<i>Colletotrichum falcatum</i> Went: <i>Saccharum officinarum</i> (sugarcane) ..	Cuba, Mexico ..	2	1	---	Fla*, Pa., Tex.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.: <i>Oryza sativa</i> (rice) ..	India ..	1	---	---	Calif.*
<i>Sorghum vulgare</i> (sorghum) ..	Guatemala ..	1	---	---	Tex.
<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.: <i>Cucumis sativus</i> (cucumber) ..	Cuba ..	---	1	---	Pa.
<i>Lagenaria</i> sp. (gourd) ..	Mexico ..	1	---	---	Ariz.
<i>Colletotrichum lineola</i> Cda.: <i>Sorghum halepense</i> (Johnson grass) ..	do ..	---	2	---	Tex.
<i>Sorghum vulgare</i> (sorghum) ..	do ..	---	1	---	Tex.
<i>Sorghum vulgare technicum</i> (broomcorn) ..	do ..	2	---	---	Tex.
<i>Colletotrichum macrosporum</i> Sacc.: <i>Vanda</i> spp. (orchid) ..	New Hebrides ..	---	---	1	Calif.*
<i>Colletotrichum pisi</i> Pat.: <i>Pisum sativum</i> (pea) ..	Mexico ..	4	---	---	Tex.
<i>Coniothyrium phormii</i> Cke.: <i>Phormium tenax</i> (New Zealand flaxlily) ..	Australia ..	1	---	---	Calif.*
<i>Curvularia geniculata</i> (Tracy & Earle) Boed.: <i>Sorghum vulgare caffrorum</i> (kafir) ..	Salpan ..	---	---	1	Calif.*
<i>Cylindrosporium celtidis</i> Earle: <i>Celtis</i> sp. (hackberry) ..	Mexico ..	---	1	---	Tex.
<i>Cylindrosporium chrysanthemi</i> Ell. & Dearn.: <i>Chrysanthemum</i> sp. ..	do ..	3	1	---	Tex.
<i>Cytospora dahliae</i> Peyl: <i>Dahlia</i> sp. ..	Australia ..	---	---	1	Calif.*
<i>Cytospora leucostoma</i> Sacc.: <i>Malus pumila</i> (apple) ..	Canada ..	---	---	1	Wash.
<i>Cytospora palmarum</i> Cke.: <i>Cocos nucifera</i> (coconut) ..	Soldier's mail ..	1	---	---	N. Y.
<i>Cytospora palmicola</i> Berk. & Curt.: <i>Cocos nucifera</i> (coconut) ..	South Pacific, sailor's mail.	2	---	---	Calif.*, Mass.
<i>Diaporthe phaseolorum</i> Sacc.: <i>Phaseolus limensis</i> (lima bean) ..	Mexico ..	1	---	---	Ariz.
<i>Phaseolus</i> sp. (string bean) ..	Cuba ..	---	1	---	Tex.
<i>Diaporthe salicella</i> (Fr.) Sacc.: <i>Salix</i> sp. ..	British Columbia ..	1	---	---	Calif.*
<i>Dilophospora graminis</i> Desm. (?): <i>Triticum aestivum</i> (wheat) ..	Tunisia ..	---	---	1	D. C.

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<i>Diplodia coccocarpa</i> Sacc. var. <i>malaccensis</i> Tassi: <i>Cocos nucifera</i> (coconut) .....	Caroline Islands, South- west Pacific, soldier's mail.	4	—	—	Calif.*, Wash.
<i>Diplodia paraphysaria</i> Sacc.: <i>Cattleya</i> sp. (orchid) .....	Brazil	—	—	1	P. R.
Orchid .....	Canal Zone	—	—	1	Tex.
<i>Diplodia zeae</i> Lév.: <i>Zea mays</i> (corn) .....	Guatemala	—	—	2	N. J., Tex.
<i>Diplodina graminea</i> Sacc.: <i>Cynodon dactylon</i> (Bermuda grass) .....	Ethiopia	—	—	1	D. C.
<i>Ditylenchus destructor</i> Thorne: <i>Solanum tuberosum</i> (potato) .....	England	—	1	—	Pa.
<i>Ditylenchus dipsaci</i> (Kuehn) Filip.: <i>Allium sativum</i> (garlic) .....	Mexico	10	—	—	Tex.
<i>Hyacinthus</i> sp. ....	England	—	1	—	N. J.
<i>Iris ziphoides</i> var. ....	British Columbia	—	—	1	Calif.*
<i>Iris</i> sp. ....	England	—	—	1	N. J.
<i>Narcissus</i> sp. ....	England, Wales	—	—	3	N. J.
<i>Elsinoe australis</i> Bitanc. & Jenkins: <i>Citrus limon</i> (lemon) .....	Brazil, Uruguay	—	2	—	N. Y.
<i>Citrus sinensis</i> (orange) .....	Uruguay	—	1	—	Fla.*
<i>Elsinoe piri</i> (Wor.) Jenkins: <i>Malus pumila</i> (apple) .....	France	—	1	—	N. Y.
<i>Erysiphe cichoracearum</i> DC.: <i>Cucurbita maxima</i> (squash) .....	Mexico	—	1	—	Tex.
<i>Cucurbita pepo</i> (pumpkin) .....	do	—	1	—	Tex.
<i>Eurotium herbariorum</i> (Wigg.) Lk.: <i>Vicia</i> sp. (vetch) .....	Soldier's mail	—	1	—	Pa.
<i>Exobasidium vaccinii</i> Fekl.: <i>Azalea</i> sp. ....	Azores, Belgium	—	—	3	N. J.
<i>Erosporium cactivorum</i> Petr. & Cif.: Cactus .....	Mexico	—	1	—	Tex.
<i>Fabraea maculata</i> (Lév.) Atk.: <i>Cydonia oblonga</i> (quince) .....	do	—	2	—	Tex.
<i>Eriobotrya japonica</i> (loquat) .....	do	—	1	—	Tex.
<i>Fusarium bulbigenum</i> Cke. & Mass.: <i>Narcissus</i> sp. ....	Ireland	—	—	4	N. J.
<i>Fusarium heterosporum</i> Nees: <i>Bromus brevis</i> .....	Uruguay	—	—	1	D. C.
<i>Fusarium mali</i> Taub.: <i>Allium cepa</i> (onion) .....	Mexico	—	1	—	Tex.
<i>Fusarium orthoceras gladioli</i> McCull.: <i>Gladiolus</i> sp. ....	Mexico, soldier's mail	—	—	97	N. J., Tex.
<i>Fusicladium eriobotryae</i> Cav.: <i>Eriobotrya japonica</i> (loquat) .....	Portugal	—	1	2	Pa.
<i>Fusicoccum castaneum</i> Sacc.: <i>Castanea</i> sp. (chestnut) .....	Italy (?)	—	—	1	N. J.
<i>Gloeosporium affine</i> Sacc.: <i>Cattleya skinneri</i> (orchid) .....	Guatemala	—	—	1	Calif.*
<i>Gloeosporium cattleyae</i> Sacc. & D. Sacc.: <i>Cattleya bouringiana</i> (orchid) .....	do	—	—	1	Calif.*
<i>Cattleya skinneri</i> .....	do	—	—	1	Calif.*
<i>Cattleya</i> sp. ....	Colombia	—	—	2	P. R.
<i>Gloeosporium cymbidii</i> Verpl.: <i>Cymbidium</i> sp. (orchid) .....	India	—	—	1	Calif.*
<i>Gloeosporium leguminum</i> (Cke.) Sacc.: <i>Prosopis</i> sp. (mesquite) .....	Mexico	—	—	9	Tex.
<i>Gloeosporium phormii</i> (P. Henn.) Sacc.: <i>Phormium tenax</i> (New Zealand flaxlily) .....	Australia	—	1	—	Calif.*
<i>Glomerella gossypii</i> (Southworth) Edg.: <i>Gossypium</i> sp. (cotton) .....	Cuba	—	—	1	Pa.
<i>Gonalobotrys flava</i> Bon.: <i>Lycopersicon esculentum</i> (tomato) .....	Mexico	—	2	—	Ariz.
<i>Helminthosporium oryzae</i> Breda de Haan: <i>Oryza sativa</i> (rice) .....	Soldier's mail	—	1	—	D. C.
<i>Helminthosporium turcicum</i> Pass.: <i>Sorghum halepense</i> (Johnson grass) .....	Mexico	—	—	2	Tex.
<i>Sorghum vulgare cafrorum</i> (kafir) .....	Saipan	—	—	1	Calif.*



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<i>Hendersonia rosae</i> West. (?):					
<i>Rosa pruhoniciana</i> .....	England.....			1	N. J.
<i>Heterodera marioni</i> (Cornu) Goodey:					
<i>Gesneria longituba</i> .....	do.....			1	N. J.
<i>Heterosporium allii</i> Ell. & G. Martin:					
<i>Allium cepa</i> (onion).....	Mexico.....	2			Tex.
<i>Heterosporium variable</i> Cke.:					
<i>Spinacia oleracea</i> (spinach).....	do.....	2			Tex.
<i>Hormodendron cladosporioides</i> (Fres.) Sacc.:					
<i>Vicia faba</i> (broadbean).....	Spain.....		1		Pa.
<i>Isariopsis griseola</i> Sacc.:					
<i>Phaseolus limensis</i> (lima bean).....	Mexico.....	1			Ariz.
<i>Leptosphaeria tritici</i> (Garov.) Pass.:					
<i>Triticum aestivum</i> (wheat).....	Soldier's mail.....	1			Wash.
<i>Leptothyrium pomi</i> (Mont. & Fr.) Sacc.:					
<i>Citrus paradisi</i> (grapefruit).....	Costa Rica.....		1		Calif.*
<i>Lethum australiense typicum</i> Holmes:					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	2			Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	390			Ariz.
<i>Macrophoma candollei</i> (Berk. & Br.) Berl. & Vogl.:					
<i>Buxus</i> sp.....	Wales.....			1	N. J.
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.:					
<i>Musa paradisiaca sapientum</i> (banana).....	India.....		1		Md.
<i>Macrosporium peponicolum</i> Rab.:					
<i>Cucurbita pepo</i> (pumpkin).....	Union of South Africa.....		1		N. Y.
<i>Marmor tabaci vulgare</i> Holmes:					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....	241			Ariz.
<i>Memnoniella echinata</i> (Revolta) L. D. Gall.:					
<i>Cattleya</i> sp. (orchid).....	Venezuela.....			1	N. J.
<i>Metasphaeria albenscens</i> Thuenm.:					
<i>Oryza sativa</i> (rice).....	China.....	1			Calif.*
<i>Monilia sitophila</i> (Mont.) Sacc.:					
<i>Arachis hypogaea</i> (peanut).....	Mexico.....	1			Ariz.
<i>Monilochaetes infuscans</i> Ell. & Halst.:					
<i>Ipomoea batatas</i> (sweetpotato).....	do.....	2			Ariz., Tex.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross.:					
<i>Sechium edule</i> (chayote).....	Canal Zone, Cuba, Trinidad.....		4		Pa., Tex.
<i>Mycosphaerella tulasnei</i> Jacz.:					
<i>Triticum aestivum</i> (wheat).....	Italy.....	1			Pa.
<i>Myrothecium roridum</i> Tode ex Fr.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	4			Ariz., Tex.
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Pa.
<i>Nigrospora panici</i> Zimm. (?):					
<i>Oryza sativa</i> (rice).....	do.....	2			Fla.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Musa paradisiaca sapientum</i> (banana).....	Mexico.....	1			Tex.
<i>Zea mays</i> (corn).....	Guatemala.....		1		N. J.
<i>Papularia villosa</i> (Berk. & Curt.) Mason:					
Bamboo.....	Mexico.....	1			Ariz.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Papulaspora rubida</i> Hotson:					
<i>Tulipa</i> sp. (tulip).....	England.....			1	N. Y.
<i>Pellicularia filamentosa</i> (Pat.) Rogers:					
Flower leaf.....	Mexico.....	1			Tex.
<i>Penicillium corymbiferum</i> Westling (?):					
<i>Iris</i> sp.....	New Zealand.....			1	Calif.*
<i>Penicillium gladioli</i> McCull. & Thom:					
<i>Gladiolus</i> sp.....	Canada, Mexico soldier's mail.....			76	Ariz., N. J., Tex.
<i>Peronospora parasitica</i> (Pers.) D By.:					
<i>Brassica oleracea capitata</i> (cabbage).....	Canada.....		1		Calif.*
<i>Pestalotia guepini</i> Desm.:					
<i>Camellia japonica</i> (camellia).....	Ireland.....			1	Calif.*
<i>Pestalotia palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut).....	Oceania, Puerto Rico.....	2			Fla.*, Wash
Palm.....	Mozambique.....		1		Pa.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron</i> sp.....	England.....			1	Wash.

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<i>Phaeosphaeria oryzae</i> Miyake:					
<i>Oryza sativa</i> (rice).....	India.....	1	---	---	Calif. *
<i>Phoma allostoma</i> Died.:					
<i>Taxus</i> sp.....	England.....	1	---	---	N. Y.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon).....	Australia.....	---	10	---	Calif. *, N. Y.
<i>Citrus sinensis</i> (orange).....	do.....	---	9	---	Calif. *, N. Y., Wash.
<i>Phoma glumarum</i> Ell. & Tr.:					
<i>Oryza sativa</i> (rice).....	Brazil.....	1	---	---	N. Y.
<i>Phoma lingam</i> (Tode) Desm.:					
<i>Brassica oleracea capitata</i> (cabbage).....	Mexico.....	2	---	---	Tex.
<i>Phoma lophiostomoides</i> Sacc.:					
<i>Triticum aestivum</i> (wheat).....	Australia.....	7	---	---	Calif. *
<i>Phoma mamillariae</i> Ell. & Ev.:					
<i>Mamillaria craigii</i> (cactus).....	Mexico.....	---	---	1	Calif. *
<i>Phoma pseudocori</i> Brun.:					
<i>Iris</i> sp.....	New Zealand.....	---	---	1	N. J.
<i>Phyllachora cynodontis</i> (Sacc.) Niessl:					
<i>Cynodon dactylon</i> (Bernuda grass).....	Ethiopia.....	---	1	---	D. C.
<i>Cynodon transvaalensis</i> (?).....	India (?).....	---	2	---	N. J.
<i>Phyllachora graminis</i> (Fr.) Fekl.:					
Grass.....	Mexico.....	1	---	---	Tex.
<i>Phyllachora maydis</i> Maubl.:					
<i>Zea mays</i> (corn).....	Guatemala.....	---	1	---	Tex.
<i>Phyllosticta concava</i> Seaver:					
Cactus.....	Mexico.....	1	---	---	Tex.
<i>Phyllosticta hydrangeae</i> Ell. & Ev.:					
<i>Hydrangea</i> sp.....	do.....	1	---	---	Tex.
<i>Phyllosticta sorghina</i> Sacc.:					
<i>Sorghum vulgare</i> (sorghum).....	Guatemala.....	1	---	---	Tex.
<i>Phyllosticta tipuanae</i> Tassi:					
<i>Tipuana tipu</i> (tipu-tree).....	Uruguay.....	---	1	---	Calif. *
<i>Phymatotrichum omnivorum</i> (Shear) Dugg.:					
<i>Chrysanthemum</i> sp.....	Mexico.....	1	---	---	Tex.
Soil.....	do.....	1	---	---	Tex.
<i>Physalospora cattleyae</i> Maubl. & Lasnier:					
<i>Cattleya bouringiana</i> (orchid).....	Guatemala.....	---	1	---	Calif. *
Orchid.....	do.....	---	1	---	Tex.
<i>Physalospora obtusa</i> (Schw.) Cke.:					
<i>Rosa</i> sp.....	Mexico.....	1	---	---	Tex.
<i>Sambucus</i> sp.....	do.....	1	---	---	Pa.
<i>Sorbus</i> sp.....	Canada.....	1	---	---	Mass.
<i>Physalospora orchidearum</i> P. Henn.:					
<i>Stanhopea</i> sp. (orchid).....	Mexico.....	---	1	---	Calif. *
<i>Phytopella fici</i> (Cast.) Arth.:					
<i>Ficus indica</i> (fig).....	do.....	---	1	---	Tex.
<i>Phytophthora cactorum</i> (Leb. & Cohn)					
Schroet.:					
<i>Fragaria</i> sp. (strawberry).....	do.....	1	---	---	Tex.
<i>Phytophthora capsici</i> Leonian:					
<i>Capsicum frutescens</i> (pepper).....	do.....	2	---	---	Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	9	---	---	Ariz., Tex.
<i>Phytophthora mexicana</i> Hotson & Hartge (?):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	---	---	Tex.
<i>Phytophthora parasitica</i> Dast.:					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	119	---	---	Ariz., Tex.
<i>Solanum melongena</i> (eggplant).....	do.....	1	---	---	Ariz.
<i>Phytophthora phaseoli</i> Thaxt.:					
<i>Phaseolus</i> sp. (string bean).....	do.....	3	---	---	Tex.
<i>Pleospora ephedrae</i> Speg.:					
<i>Ephedra vulgaris</i> .....	India.....	1	---	---	N. Y.
<i>Pleospora lycopersici</i> El. & Em. Marchal:					
<i>Lycopersicon esculentum</i> (tomato).....	Chile.....	---	1	---	Calif. *
<i>Polyporus sanguineus</i> Fr.:					
Wood.....	Solomon Islands.....	---	1	---	Calif. *
<i>Polyporus versicolor</i> Fr.:					
Wood.....	do.....	1	---	---	Calif. *
<i>Pseudoperonospora cubensis</i> (Berk. & Curt.)					
Rostow.:					
<i>Cucurbita maxima</i> (squash).....	Mexico.....	2	---	---	Tex.

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<i>Puccinia anomala</i> Rostr.:					
<i>Hordeum</i> sp. ....	France .....	1			Oreg.
<i>Puccinia antirrhini</i> Diet. & Hotw.:					
<i>Antirrhinum majus</i> (snapdragon) .....	Mexico .....	1			Tex.
<i>Puccinia chrysanthemi</i> Roze:					
<i>Chrysanthemum</i> sp. ....	do .....	3		1	Ariz., Tex.
<i>Puccinia coronata</i> Cda.:					
<i>Avena sativa</i> (oat) .....	England, soldier's mail .....	2			Pa.
<i>Puccinia glumarum</i> (Schm.) Eriks. & P. Henn.:					
<i>Secale cereale</i> (rye) .....	France .....	1			Oreg.
<i>Triticum aestivum</i> (wheat) .....	Soldier's mail .....	2			Mass., Mo.
<i>Puccinia pelargonii-zonalis</i> Doidge:					
<i>Pelargonium</i> sp. ....	Australia .....			1	N. J.
<i>Puccinia sorghi</i> Schw.:					
<i>Zea mays</i> (corn) .....	Bolivia, Guatemala, Mexico .....	3	1	2	Ariz., N. J., Tex
<i>Puccinia triannulata</i> (Berk. & Curt.) Jacks.:					
<i>Borrchia frutescens</i> (bushy sea oxeye) .....	Mexico .....	1			Tex.
<i>Ravenelia arizonica</i> Ell. & Ev.:					
<i>Prosopis</i> sp. (mesquite) .....	do .....		2		Tex.
<i>Rhizoctonia bataticola</i> (Taub.) Butl.:					
<i>Cucumis melo</i> (melon) .....	Chile .....	4			N. Y.
<i>Cucumis melo</i> var. honeydew .....	do .....	1			N. Y.
<i>Ipomoea batatas</i> (sweetpotato) .....	Algeria, Guatemala .....	1	1		N. J., N. Y.
<i>Schizophyllum commune</i> Fr.:					
<i>Prosopis</i> sp. (mesquite) .....	Mexico .....		1		Tex.
<i>Scirrhia bambusae</i> Turc.:					
Bamboo .....	Soldier's mail .....	3			Mass.
<i>Sclerotinia fructicola</i> (Wint.) Rehm:					
<i>Prunus domestica</i> (plum) .....	Mexico .....		1		Tex.
<i>Prunus persica</i> (peach) .....	do .....		1		Tex.
<i>Prunus persica nectarina</i> (nectarine) .....	do .....		1		Ariz.
<i>Sclerotinia fructigena</i> Adher. & Rhul.:					
<i>Malus pumila</i> (apple) .....	Portugal .....		1		Pa.
<i>Sclerotinia gladioli</i> Drayt. (?):					
<i>Gladiolus</i> sp. ....	Mexico .....			1	Tex.
<i>Scolecotrichum graminis</i> Fekl.:					
<i>Bromus catharticus</i> (rescue brome) .....	Uruguay .....			1	D. C.
<i>Septoria avenae</i> Frank:					
<i>Avena sativa</i> (oat) .....	Soldier's mail .....	1			Tex.
<i>Septoria canadensis</i> Pk.:					
<i>Cornus canadensis</i> (dogwood) .....	British Columbia .....			1	Wash.
<i>Septoria citri</i> Pass.:					
<i>Citrus reticulata</i> (tangerine) .....	Algeria .....		1		Pa.
<i>Septoria dianthi</i> Desm.:					
<i>Dianthus</i> sp. (carnation) .....	Mexico .....	1			Tex.
<i>Septoria gaillardiae</i> Ell. & Ev.:					
<i>Gaillardia</i> sp. ....	do .....	1			Tex.
<i>Septoria nodorum</i> Berk.:					
<i>Triticum aestivum</i> (wheat) .....	England .....	1			Pa.
<i>Septoria oryzae</i> Catt.:					
<i>Oryza sativa</i> (rice) .....	India .....	1			Calif.*
<i>Septoria ribis</i> Desm.:					
<i>Ribes nigrum</i> (black currant) .....	Canada .....			1	N. J.
<i>Septoria tritici</i> Rob. ex Desm.:					
<i>Triticum aestivum</i> (wheat) .....	Australia, England, Italy .....	15			Calif.,* Mass., Pa.
<i>Sphacelotheca sorghi</i> (Lk.) Clint.:					
<i>Sorghum vulgare technicum</i> (broomcorn) .....	Mexico .....	2			Tex.
<i>Spaeropsis visci</i> (West.) Archer:					
Mistletoe .....	Soldier's mail .....	1			Ohio.
<i>Stachydidium theobromae</i> Turc.:					
<i>Musa paradisiaca sapientum</i> (banana) .....	Azores, Bermuda .....	1	1		Md., N. Y.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium cepa</i> (onion) .....	Azores, Portugal .....		2		Pa.
<i>Tilletia caries</i> (DC) Tul.:					
<i>Triticum aestivum</i> (wheat) .....	Australia, France (?), Mexico .....	126	1		Ariz., Calif., Tex., Wash.
<i>Tilletia foetida</i> (Wallr.) Liro:					
<i>Triticum aestivum</i> (wheat) .....	Australia, Mexico .....	1	1		Calif.,* Tex.



List of pests (diseases) collected and reported from July 1, 1944, to June 30, 1945, inclusive—Continued

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Tilletia horrida</i> Tak.:					
<i>Oryza sativa</i> (rice).....	Soldier's mail	1			Pa.
<i>Trametes heteropora</i> Mont.:					
Wood.....	Solomon Islands	1			Calif.*
<i>Tranzschelia pruni-spinosae</i> (Pers.) Diet:					
<i>Prunus persica</i> (peach).....	Mexico	2	2		Tex.
<i>Tritirachium dependens</i> Limber:					
<i>Oryza sativa</i> (rice).....	South Pacific	1			Md.
<i>Trochila ilicis</i> (Chev.) Crouan:					
<i>Ilex aquifolium</i> (English holly).....	British Columbia	1			Wash.
<i>Uncinula necator</i> (Schw.) Burr.:					
<i>Parthenocissus quinquefolia</i> (Virginia creeper).....	Mexico	1			Tex.
<i>Uredo oncidii</i> P. Henn.:					
<i>Oncidium cavendishianum</i> (orchid).....	Guatemala			3	Calif.*
<i>Urocystis tritici</i> Koern.:					
<i>Triticum aestivum</i> (wheat).....	Australia, Italy, soldier's mail.	6			Calif.*, Mass., Pa.
<i>Uromyces fabae</i> (Pers.) D By.:					
<i>Lens</i> sp.....	Soldier's mail	1			Wash.
<i>Vicia</i> sp. (vetch).....	do	4			D. C., Mass., N. Y.
<i>Ustilago bullata</i> Berk.:					
<i>Bromus catharticus</i> (rescue brome).....	Uruguay			1	D. C.
<i>Ustilago hordei</i> (Pers.) Lagh.:					
<i>Hordeum vulgare</i> (barley).....	Australia, Egypt, Mexico.	3			Ariz., Calif., N. Y.
<i>Ustilago kolleri</i> Wille:					
<i>Avena sativa</i> (oat).....	Soldier's mail	3			Pa.
<i>Ustilago tritici</i> (Pers.) Rostr.:					
<i>Triticum aestivum</i> (wheat).....	Australia, France (?), Italy, Tunisia, soldier's mail.	7		1	Calif.*, D. C., Ga., Mo., Pa., Wash.
<i>Valsa salicina</i> Fr.:					
<i>Salix scouleriana</i> (?).....	British Columbia			1	Calif.*
<i>Valsella salicis</i> Fekl.:					
<i>Salix scouleriana</i> (?).....	do			1	Calif.*
<i>Vermicularia cacti</i> (Schw.) Starb.:					
Cactus.....	Mexico	1			Tex.
<i>Opuntia</i> sp. (pricklypear).....	do			1	Tex.
<i>Vermicularia dematium</i> (Pers.) Fr.:					
<i>Dianthus</i> sp. (carnation).....	England			1	Md.
<i>Polygala</i> sp.....	Canada			1	N. J.
<i>Vermicularia liliacearum</i> West.:					
<i>Iris germanica</i> var.....	Australia			1	Calif.*
<i>Volutella dianthi</i> Atk.:					
<i>Dianthus</i> sp. (carnation).....	Mexico	1			Tex.

### Hosts and diseases

#### AGAVE:

*Asterina agave* (Ascomycetes)

#### ALLIUM CEPA:

*Alternaria porri* (Deuteromycetes)

*Botrytis allii* (Deuteromycetes)

*Fusarium mali* (Deuteromycetes)

*Heterosporium allii* (Deuteromycetes)

*Stemphylium botrysorum* (Deuteromycetes)

#### ALLIUM SATIVUM:

*Ditylenchus dipsaci* (Nematoda)

#### AMARANTHUS:

*Albugo bliti* (Phycomycetes)

#### ANTIRRHINUM:

*Puccinia antirrhini* (Promycetes)

#### ARACHIS:

*Monilia sitophila* (Deuteromycetes)

#### ARMERIA:

*Cercospora staticis* (Deuteromycetes)

*Cercosporina insulana* (Deuteromycetes)

#### AVENA:

*Puccinia coronata* (Promycetes)

*Septoria avenae* (Deuteromycetes)

*Ustilago kolleri* (Promycetes)

#### BAMBOO:

*Papularia vinosa* (Deuteromycetes)

*Scirrhia bambusae* (Ascomycetes)

#### BORRICHIA:

*Puccinia triannulata* (Promycetes)

#### BRASSICA OLERACEA CAPITATA:

*Peronospora parasitica* (Phycomycetes)

*Phoma lingam* (Deuteromycetes)

#### BROMUS:

*Claviceps purpurea* (Ascomycetes)

*Fusarium heterosporum* (Deuteromycetes)

*Scolecotrichum graminis* (Deuteromycetes)

*Ustilago bullata* (Promycetes)

#### BUXUS:

*Macrophoma candollei* (Deuteromycetes)

## Hosts and diseases—Continued

- CACTACEAE:**  
*Asterina wrightii* (Ascomycetes)  
*Eriosporium cactidorum* (Deuteromycetes)  
*Phoma mamillariae* (Deuteromycetes)  
*Phyllosticta concava* (Deuteromycetes)  
*Vermicularia cacti* (Deuteromycetes)
- CAMELLIA:**  
*Pestalotia guepini* (Deuteromycetes)
- CAPSICUM:**  
*Cercospora capsici* (Deuteromycetes)  
*Lethum australiense typicum* (Virus)  
*Marmor tabaci vulgare* (Virus)  
*Phytophthora capsici* (Phycomycetes)
- CASIMIROA:**  
*Cercospora caleroides* (Deuteromycetes)
- CASTANEA:**  
*Fusicoccum castaneum* (Deuteromycetes)
- CATTLEYEA**—See Orchidaceae
- CELTIS:**  
*Cylindrosporium celtidis* (Deuteromycetes)
- CHRYSANTHEMUM:**  
*Cylindrosporium chrysanthemi* (Deuteromycetes)  
*Phymatotrichum omnivorum* (Deuteromycetes)  
*Puccinia chrysanthemi* (Promycetes)
- CITRUS LIMON:**  
*Elsinoe australis* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)
- CITRUS PARADISI:**  
*Bacterium citri* (Schizomycetes)  
*Leptothyrium pomi* (Deuteromycetes)
- CITRUS RETICULATA:**  
*Septoria citri* (Deuteromycetes)
- CITRUS SINENSIS:**  
*Ascochyta citri* (?) (Deuteromycetes)  
*Elsinoe australis* (Ascomycetes)  
*Phoma citricarpa* (Deuteromycetes)
- COCOS:**  
*Cytospora palmarum* (Deuteromycetes)  
*Cytospora palmicola* (Deuteromycetes)  
*Diplodia coccocarpa* var. *malaccensis* (Deuteromycetes)  
*Pestalotia palmarum* (Deuteromycetes)
- COFFEA:**  
*Cercospora coffeicola* (Deuteromycetes)
- COLOCASIA:**  
*Aphelenchus bicaudatus* (Nematoda)
- CORNUS:**  
*Septoria canadensis* (Deuteromycetes)
- CUCUMIS MELO:**  
*Phizotonia bataticola* (Deuteromycetes)
- CUCUMIS SATIVUS:**  
*Facterium lachrymans* (Schizomycetes)  
*Colletotrichum lagenarium* (Deuteromycetes)
- CUCURBITA MAXIMA:**  
*Cladosporium cucumerinum* (?) (Deuteromycetes)  
*Erysiphe cichoracearum* (Ascomycetes)  
*Pseudoperonospora cubensis* (Phycomycetes)
- CUCURBITA PEPO:**  
*Erysiphe cichoracearum* (Ascomycetes)  
*Macrosporium peponicolum* (Deuteromycetes)
- CYDONIA:**  
*Fabraea maculata* (Ascomycetes)
- CYMBIDIUM**—See Orchidaceae
- CYNODON:**  
*Diplodina graminea* (Deuteromycetes)  
*Phyllachora cynodontis* (Ascomycetes)
- DAHLIA:**  
*Cytospora dahliae* (Deuteromycetes)
- DAUCUS:**  
*Alternaria radicina* (Deuteromycetes)
- DIANTHUS:**  
*Alternaria dianthi* (Deuteromycetes)  
*Septoria dianthi* (Deuteromycetes)  
*Vermicularia dematium* (Deuteromycetes)  
*Volutella dianthi* (Deuteromycetes)
- EPHEDRA:**  
*Pleospora ephedrae* (?) (Ascomycetes)
- ERIOBOTRYA:**  
*Fabraea maculata* (Ascomycetes)  
*Fusicladium eribotryae* (Deuteromycetes)
- EUCHLAENA:**  
*Angiospora pallescens* (Promycetes)
- FICUS:**  
*Physopella fici* (Promycetes)
- FRAGARIA:**  
*Phytophthora cactorum* (Phycomycetes)
- GALLIARDA:**  
*Septoria galliardae* (Deuteromycetes)
- GAULTHERIA:**  
*Cercospora gaultheriae* (Deuteromycetes)
- GESNERIA:**  
*Heterodera marioni* (Nematoda)
- GLADIOLUS:**  
*Pacterium marginatum* (Schizomycetes)  
*Fusarium orthoceras gladioli* (Deuteromycetes)  
*Penicillium gladioli* (Deuteromycetes)  
*Sclerotinia gladioli* (?) (Ascomycetes)
- GOSSYPIMUM:**  
*Pacterium malleacearum* (Schizomycetes)  
*Cercospora althaeina* (Deuteromycetes)  
*Glomerella gossypii* (Ascomycetes)
- HORDEUM:**  
*Puccinia anomala* (Promycetes)  
*Ustilago hordei* (Promycetes)
- HYACINTHUS:**  
*Ditylenchus dipsaci* (Nematoda)
- HYDRANGEA:**  
*Phyllosticta hydrangeae* (Deuteromycetes)
- ILEX:**  
*Trochila ilicis* (Ascomycetes)
- IPOMOEA:**  
*Ceratostomella fimbriata* (Ascomycetes)  
*Monilochaetes infuscans* (Deuteromycetes)  
*Phizotonia bataticola* (Deuteromycetes)
- IRIS:**  
*Ditylenchus dipsaci* (Nematoda)  
*Penicillium corymbiferum* (?) (Deuteromycetes)  
*Phoma pseudocori* (Deuteromycetes)  
*Vermicularia lilacearum* (Deuteromycetes)
- LAGENARIA:**  
*Colletotrichum lagenarium* (Deuteromycetes)
- LENS:**  
*Uromyces fabae* (Promycetes)
- LYCOPERSICON:**  
*Gonatobotrys flava* (Deuteromycetes)  
*Lethum australiense typicum* (Virus)  
*Phytophthora capsici* (Phycomycetes)  
*Phytophthora mexicana* (?) (Phycomycetes)  
*Phytophthora parasitica* (Phycomycetes)  
*Pleospora lycopersici* (Ascomycetes)
- MALUS:**  
*Cytospora leucostoma* (Deuteromycetes)  
*Elsinoe piri* (Ascomycetes)  
*Sclerotinia fructigena* (Ascomycetes)
- MAMMILLARIA**—See Cactaceae
- MISTLETOE:**  
*Sphaeropsis risci* (Deuteromycetes)
- MORUS:**  
*Cercospora mori* (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**  
*Cercospora musae* (Deuteromycetes)  
*Macrophoma musae* (Deuteromycetes)  
*Nigrospora sphaerica* (Deuteromycetes)  
*Stachylium theobromae* (Deuteromycetes)
- NARCISSUS:**  
*Botrytis narcissicola* (Deuteromycetes)  
*Ditylenchus dipsaci* (Nematoda)  
*Fusarium bulbigenum* (Deuteromycetes)
- ODONTOGLOSSUM**—See Orchidaceae
- ONCIDIUM**—See Orchidaceae
- OPUNTIA**—See Cactaceae
- ORCHIDACEAE:**  
*Cercospora angraci* (Deuteromycetes)  
*Colletotrichum cinctum* (Deuteromycetes)  
*Colletotrichum macrosporum* (Deuteromycetes)  
*Diplodia paraphysaria* (Deuteromycetes)  
*Gloeosporium affine* (Deuteromycetes)  
*Gloeosporium cattleyae* (Deuteromycetes)  
*Gloeosporium cymbidii* (Deuteromycetes)  
*Memmontella echinata* (Deuteromycetes)  
*Phyalospora cattleyae* (Ascomycetes)  
*Phyalospora orchidearum* (Ascomycetes)  
*Uredo oncidii* (Promycetes)
- ORYZA:**  
*Colletotrichum graminicolum* (Deuteromycetes)  
*Helminthosporium oryzae* (Deuteromycetes)  
*Metasphaeria albescens* (Ascomycetes)  
*Nigrospora oryzae* (Deuteromycetes)  
*Nigrospora paniri* (?) (Deuteromycetes)

*Hosts and diseases—Continued*

## ORYZA—Continued

- Phaeosphaeria oryzae* (Ascomycetes)
- Phoma glumarum* (Deuteromycetes)
- Septoria oryzae* (Deuteromycetes)
- Tilletia horrida* (Promycetes)
- Tritirachium dependens* (Deuteromycetes)

## PARTHENOCESSUS:

- Uncinula necator* (Ascomycetes)

## PASPALUM:

- Claviceps paspali* (Ascomycetes)

## PELARGONIUM:

- Puccinia pelargonii-zonalis* (Promycetes)

## PERSEA:

- Asterina delilescens* (Ascomycetes)

## PHASEOLUS LIMENSIS:

- Diaporthe phaseolorum* (Ascomycetes)

- Isariopsis griseola* (Deuteromycetes)

## PHASEOLUS SP. (string bean)

- Diaporthe phaseolorum* (Ascomycetes)

- Phytophthora phaseoli* (Phycomycetes)

## PHORMIUM:

- Coniothyrium phormii* (Deuteromycetes)

- Gloeosporium phormii* (Deuteromycetes)

## PISUM:

- Ascochyta pisi* (Deuteromycetes)

- Bacterium pisi* (Schizomycetes)

- Cladosporium pisicolum* (Deuteromycetes)

- Cladosporium vigneae* (Deuteromycetes)

- Colletotrichum pisi* (Deuteromycetes)

## POLYGALA:

- Urmicularia dematium* (Deuteromycetes)

## PROSOPIS:

- Gloeosporium leguminum* (Deuteromycetes)

- Parenelia arizonica* (Promycetes)

- Schizophyllum commune* (Basidiomycetes)

## PRUNUS DOMESTICA:

- Sclerotinia fructicola* (Ascomycetes)

## PRUNUS PERSICA:

- Cladosporium carpophyllum* (Deuteromycetes)

- Sclerotinia fructicola* (Ascomycetes)

- Tranzschelia pruni-spinosae* (Promycetes)

## PRUNUS PERSICA NECTARINA:

- Sclerotinia fructicola* (Ascomycetes)

## PUNICA:

- Cercospora lythracearum* (Deuteromycetes)

## PYRUS:

- Bacillus amyloporus* (Schizomycetes)

## RHODODENDRON:

- Ezobasidium vaccinii* (Basidiomycetes)

- Pestalotia rhododendri* (Deuteromycetes)

## RIBES:

- Septoria ribis* (Deuteromycetes)

## ROSA:

- Hendersonia rosae* (?) (Deuteromycetes)

- Physalospora obtusa* (Ascomycetes)

## SACCHARUM

- Cephalosporium sacchari* (?) (Deuteromycetes)

- Colletotrichum falcatum* (Deuteromycetes)

- Papularia vinosa* (Deuteromycetes)

## SALIX:

- Diaporthe salicella* (Ascomycetes)

- Valsa salicina* (Ascomycetes)

- Valsella salicis* (Ascomycetes)

## SAMBUCUS:

- Physalospora obtusa* (Ascomycetes)

## SECALE:

- Puccinia glumarum* (Promycetes)

## SECHUIM:

- Cercospora sechii* (Deuteromycetes)

- Mycosphaerella citrullina* (Ascomycetes)

## SOIL:

- Phymatotrichum omnivorum* (Deuteromycetes)

## SOLANUM MELONGENA:

- Phytophthora parasitica* (Phycomycetes)

## SOLANUM TUBEROSUM:

- Aphelenchoides parietinus* (Nematoda)

- Aphelenchus avenae* (Nematoda)

- Ditylenchus destructor* (Nematoda)

## SORBUS:

- Physalospora obtusa* (Ascomycetes)

## SORGHUM HALEPENSE:

- Cercospora sorghi* (Deuteromycetes)

- Colletotrichum lineola* (Deuteromycetes)

- Helminthosporium turcicum* (Deuteromycetes)

## SORGHUM VULGARE:

- Colletotrichum graminicolum* (Deuteromycetes)

- Colletotrichum lineola* (Deuteromycetes)

- Phyllosticta sorghina* (Deuteromycetes)

## SORGHUM VULGARE CAFFRORUM:

- Curularia geniculata* (Deuteromycetes)

- Helminthosporium turcicum* (Deuteromycetes)

## SORGHUM VULGARE TECHNICUM:

- Colletotrichum lineola* (Deuteromycetes)

- Sphaelotheca sorghi* (Promycetes)

## SPINACIA:

- Heterosporium variable* (Deuteromycetes)

## STANHOPEA—See Orchidaceae

## TAXUS:

- Phoma allostoma* (Deuteromycetes)

## TIPUANA:

- Phyllosticta tipuanae* (Deuteromycetes)

## TRITICUM:

- Ascochyta graminicola* (Deuteromycetes)

- Dilophospora graminis* (Deuteromycetes)

- Leptosphaeria tritici* (Ascomycetes)

- Mycosphaerella tulasnei* (Ascomycetes)

- Phoma lophiostomoides* (Deuteromycetes)

- Puccinia glumarum* (Promycetes)

- Septoria nodorum* (Deuteromycetes)

- Septoria tritici* (Deuteromycetes)

- Tilletia caries* (Promycetes)

- Tilletia foetida* (Promycetes)

- Urocystis tritici* (Promycetes)

- Ustilago tritici* (Promycetes)

## TULIPA:

- Botrytis tulipae* (Deuteromycetes)

- Papularia rubida* (Deuteromycetes)

## VANDA—See Orchidaceae

## VICIA:

- Eurotium herbariorum* (Ascomycetes)

- Hormodendron cladosporioides* (Deuteromycetes)

- Uromyces fabae* (Promycetes)

## ZEA:

- Basisporium gallarum* (Deuteromycetes)

- Diplodia zae* (Deuteromycetes)

- Nigrospora sphaerica* (Deuteromycetes)

- Phyllachora maydis* (Ascomycetes)

- Puccinia sorghi* (Promycetes)

*Hosts unknown*

## FLOWER:

- Pellicularia filamentosa* (Basidiomycetes)

## GRASS:

- Phyllachora graminis* (Ascomycetes)

## PALM:

- Pestalotia palmarum* (Deuteromycetes)

## WOOD:

- Polyporus sanguineus* (Basidiomycetes)

- Polyporus versicolor* (Basidiomycetes)

- Trametes heteropora* (Basidiomycetes)

*Countries of origin and diseases*

## ALGERIA:

- Cladosporium carpophilum*

- Phizoclonia bataticola*

- Septoria citri*

## ARGENTINA:

- Botrytis allii*

## AUSTRALIA:

- Ascochyta citri* (?)

- Ascochyta graminicola*

- Bacterium citri*

- Botrytis allii*

- Coniothyrium phormii*



## Countries of origin and diseases—Continued

## AUSTRALIA—Continued

*Cytospora dahliae*  
*Gloeosporium phormii*  
*Phoma citricarpa*  
*Phoma lophiostomoides*  
*Puccinia pelargonii-zonalis*  
*Septoria tritici*  
*Tilletia caries*  
*Tilletia foetida*  
*Urocystis tritici*  
*Ustilago hordei*  
*Ustilago tritici*  
*Vermicularia liliacearum*

## AZORES:

*Aphelenchus bicaudatus*  
*Exobasidium vaccinii*  
*Stachylidium theobromae*  
*Stemphylium botryosum*

## BELGIUM:

*Exobasidium vaccinii*

## BERMUDA:

*Stachylidium theobromae*

## BOLIVIA:

*Puccinia sorghi*

## BRAZIL:

*Diplodia paraphysaria*  
*Elsinoe australis*  
*Phoma glumarum*

## BRITISH COLUMBIA:

*Diaporthe salicella*  
*Ditylenchus dipsaci*  
*Septoria canadensis*  
*Trochila ilicis*  
*Valsa salicina*  
*Valsella salicis*

## CANADA:

*Cytospora leucostoma*  
*Penicillium gladioli*  
*Peronospora parasitica*  
*Physalospora obtusa*  
*Septoria ribis*  
*Vermicularia dematium*

## CANAL ZONE:

*Cercospora musae*  
*Diplodia paraphysaria*  
*Mycosphaerella citrullina*

## CAROLINE ISLANDS:

*Diplodia cococarpa* var. *malaccensis*

## CHILE:

*Pleospora lycopersici*  
*Rhizoctonia bataticola*

## CHINA:

*Metasphaeria albescentis*

## COLOMBIA:

*Gloeosporium cattleyae*

## COSTA RICA:

*Colletotrichum cinctum*  
*Leptothyrium pomi*

## CUBA:

*Cercospora musae*  
*Cladosporium vignae*  
*Colletotrichum falcatum*  
*Colletotrichum lagenarium*  
*Diaporthe phaseolorum*  
*Glomerella gossypii*  
*Mycosphaerella citrullina*

## EGYPT:

*Ustilago hordei*

## ENGLAND:

*Botrytis narcissicola*  
*Botrytis tulipae*  
*Cercospora angrei*  
*Ditylenchus destructor*  
*Ditylenchus dipsaci*  
*Hendersonia rosae* (?)  
*Heterodera marioni*  
*Papulaspora rubida*  
*Pestalotia rhododendri*  
*Phoma allostoma*  
*Puccinia coronata*  
*Septoria nodorum*  
*Septoria tritici*  
*Vermicularia dematium*

## ETHIOPIA:

*Diplodia graminea*  
*Phyllachora cynodontis*

## FRANCE:

*Elsinoe piri*  
*Puccinia anomala*  
*Puccinia glumarum*  
*Tilletia caries*  
*Ustilago tritici*

## GUATEMALA:

*Angiospora pallescens*  
*Cercospora coffeicola*  
*Cercospora musae*  
*Cercospora staticis*  
*Colletotrichum graminicolum*  
*Diplodia zeae*  
*Gloeosporium affine*  
*Gloeosporium cattleyae*  
*Nigrospora sphaerica*  
*Phyllachora maydis*  
*Phyllosticta sorghina*  
*Physalospora cattleyae*  
*Puccinia sorghi*  
*Rhizoctonia bataticola*  
*Uredo oncidii*

## INDIA:

*Colletotrichum graminicolum*  
*Gloeosporium cymbidii*  
*Macrophoma musae*  
*Phaeosphaeria oryzae*  
*Phyllachora cynodontis*  
*Pleospora ephedrae* (?)  
*Septoria oryzae*

## IRELAND:

*Botrytis narcissicola*  
*Fusarium bulbigenum*  
*Pestalotia guepini*

## ITALY:

*Aphelenchus avenae*  
*Fusicoccum castaneum*  
*Mycosphaerella tulasnei*  
*Septoria tritici*  
*Urocystis tritici*  
*Ustilago tritici*

## MEXICO:

*Albugo bitti*  
*Alternaria porri*  
*Alternaria radicina*  
*Ascochyta pisi*  
*Asterina agave*  
*Asterina delitescens*  
*Asterina verightii*  
*Bacillus amyloporus*  
*Bacterium lachrymans*  
*Bacterium malvacearum*  
*Bacterium marginatum*  
*Bacterium pisi*  
*Basisporium gallarum*  
*Botrytis allii*  
*Ceratostomella fimbriata*  
*Cercospora althacina*  
*Cercospora caleroides*  
*Cercospora capsici*  
*Cercospora gaultheriae*  
*Cercospora lythracearum*  
*Cercospora mori*  
*Cercospora musae*  
*Cercospora sorghi*  
*Cercosporina insulana*  
*Cladosporium cucumerinum* (?)  
*Colletotrichum falcatum*  
*Colletotrichum lagenarium* (?)  
*Colletotrichum lineola*  
*Colletotrichum pisi*  
*Cylindrosporium celtidis*  
*Cylindrosporium chrysanthemi*  
*Diaporthe phaseolorum*  
*Ditylenchus dipsaci*  
*Erysiphe cichoracearum*  
*Exosporium cactivorum*  
*Fabraea maculata*  
*Fusarium mali*  
*Fusarium orthoceras gladioli*  
*Gloeosporium leuquinum*

## Countries of origin and diseases—Continued

## MEXICO—Continued

*Gonatobotrys flava*  
*Helminthosporium turcicum*  
*Heterosporium allii*  
*Heterosporium variabile*  
*Isariopsis griseola*  
*Lethum australiense typicum*  
*Marmor tabaci vulgare*  
*Monilia sitophila*  
*Monilochaetes infusans*  
*Myrothecium roridum*  
*Nigrospora sphacraica*  
*Papularia vinosa*  
*Pellicularia filamentosa*  
*Penicillium gladioli*  
*Phoma lingam*  
*Phoma mamillariae*  
*Phyllachora graminis*  
*Phyllosticta concava*  
*Phyllosticta hydrangeae*  
*Phymatorichium omnivorum*  
*Physalospora obtusa*  
*Physalospora orchidearum*  
*Physopella fici*  
*Phytophthora cactorum*  
*Phytophthora capsici*  
*Phytophthora mexicana (?)*  
*Phytophthora parasitica*  
*Phytophthora phaseoli*  
*Pseudoperonospora cubensis*  
*Puccinia antirrhini*  
*Puccinia chrysanthemi*  
*Puccinia sorghi*  
*Puccinia triannulata*  
*Ravenelia arizonica*  
*Schizophyllum commune*  
*Sclerotinia fructicola*  
*Sclerotinia gladioli (?)*  
*Septoria dianthi*  
*Septoria gaillardiae*  
*Sphacelotheca sorghi*  
*Tilletia caries*  
*Tilletia foetida*  
*Tranzschelia pruni-spinosae*  
*Uncinula necator*  
*Ustilago hordei*  
*Vermicularia cacti*  
*Volvetella dianthi*

MOZAMBIQUE:  
*Pestalotia palmarum*

NEW HEBRIDES:  
*Colletotrichum macrosporum*

NEW ZEALAND:  
*Penicillium corymbiferum (?)*  
*Phoma pseudocori*

OCEANIA:  
*Pestalotia palmarum*

PANAMA:  
*Cercospora musae*

PORTUGAL:  
*Ascochyta pisi*  
*Cladosporium pisicolum*  
*Fusicladium eriobotryae*  
*Sclerotinia fructigena*  
*Stemphylium botryosum*

## PUERTO RICO:

*Cercospora musae*  
*Pestalotia palmarum*

## SAIPAN:

*Curularia geniculata*  
*Helminthosporium turcicum*

## SOLOMON ISLANDS:

*Polyporus sanguineus*  
*Polyporus versicolor*  
*Trametes heteropora*

## SOUTH PACIFIC:

*Cytospora palmicola*  
*Diplodia coccoearpa* var. *malaccensis*  
*Tritriachium dependens*

## SPAIN:

*Normodendron cladosporioides*

## SWEDEN:

*Aphelenchoides parietinus*

## TRINIDAD:

*Cephalosporium sacchari (?)*

*Cercospora sechii*

*Mycosphaerella citrullina*

## TUNISIA:

*Dilophospora graminis (?)*

*Ustilago tritici*

## UNION OF SOUTH AFRICA:

*Claviceps paspali*

*Macrosporum peponicolum*

## UNKNOWN:

*Cytospora palmarum*  
*Cytospora palmicola*  
*Diplodia coccoearpa* var. *malaccensis*  
*Eurotium herbariorum*  
*Fusarium orthoceras* var. *gladioli*  
*Helminthosporium oryzae*  
*Leptosphaeria tritici*  
*Nigrospora oryzae*  
*Nigrospora panici*  
*Penicillium gladioli*  
*Puccinia coronata*  
*Puccinia glumarum*  
*Scirrhia bambusae*  
*Septoria avenae*  
*Sphaeropsis visci*  
*Tilletia horrida*  
*Urocystis tritici*  
*Uromyces fabae*  
*Ustilago kollerii*  
*Ustilago tritici*

## URUGUAY:

*Claviceps purpurea*  
*Elsinoe australis*  
*Fusarium heterosporum*  
*Phyllosticta tipuanae*  
*Scolecotrichum graminis*  
*Ustilago bullata*

## VENEZUELA:

*Alternaria dianthi*  
*Memnoniella echinata*

## WALES:

*Botrytis narcissicola*  
*Ditylenchus dipsaci*  
*Macrophoma candollei*













